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FINAL REPORT OF OFF-SITE SURVEILLANCE FOR THE BANEBERRY EVENT
December 18, 1970

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by the

Western Environmental Research Laboratory

ENVIRONMENTAL PROTECTION AGENCY

Published February 1972

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Understanding (No. SF 54 373)
for the
U.S. ATOMIC ENERGY COMMISSION

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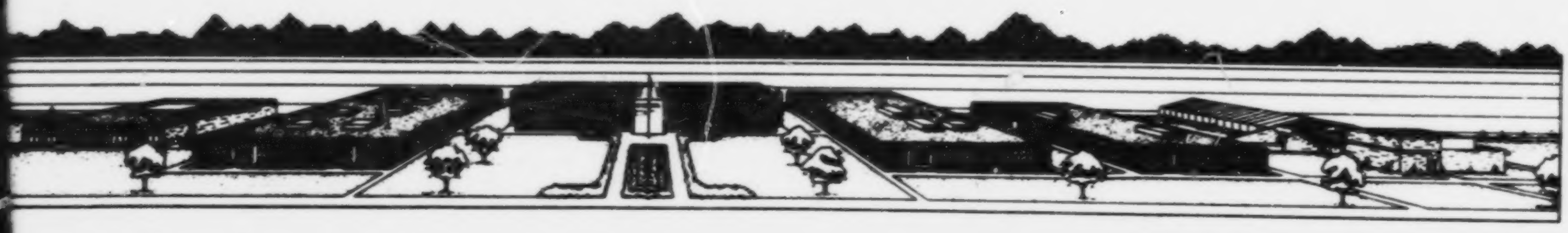

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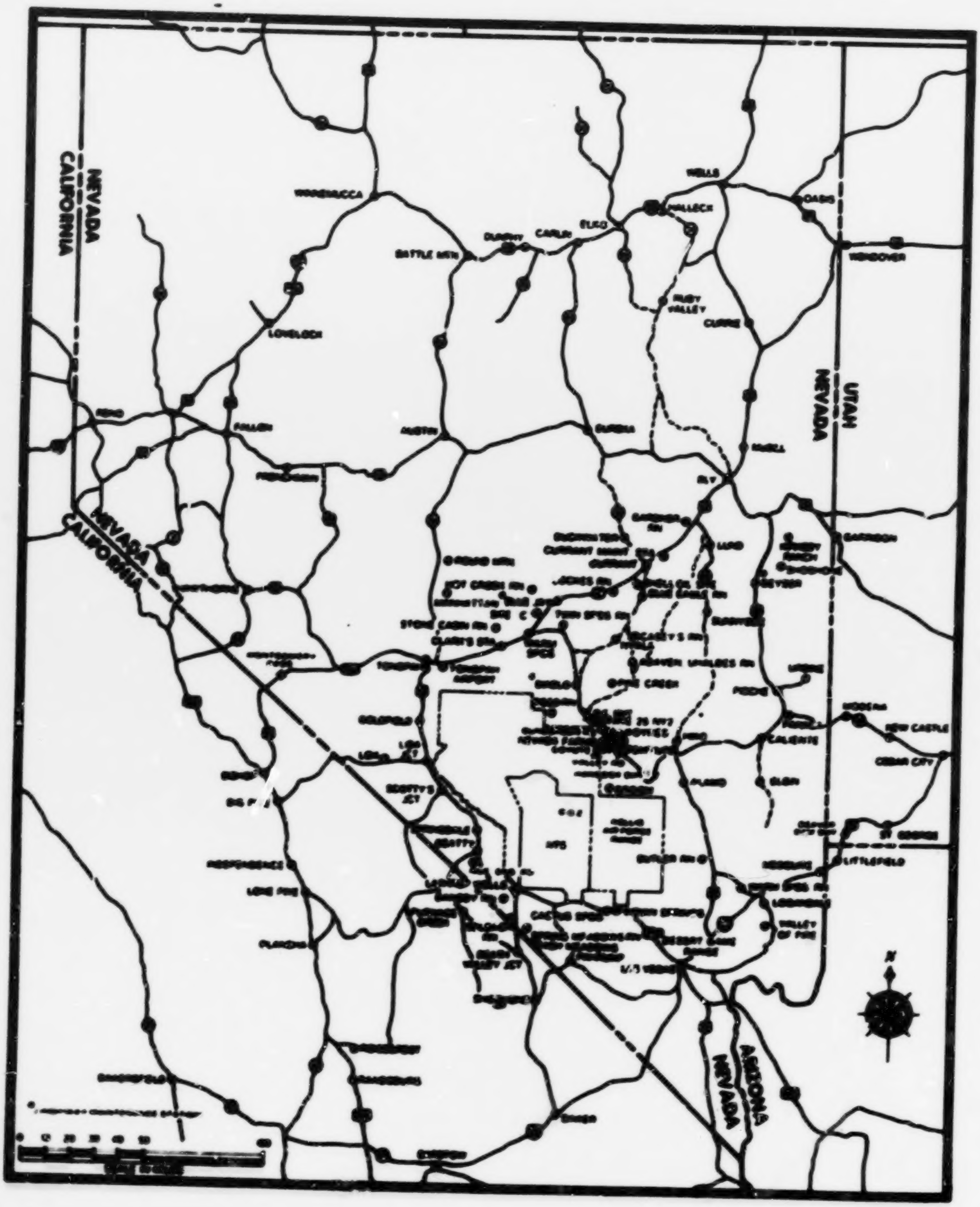

REFERENCE MAP

ABSTRACT

The Baneberry Event was an underground nuclear weapon test conducted at the Nevada Test Site on December 18, 1970. Shortly after the detonation, fission products escaped into the atmosphere, resulting in a release of radioactivity to the off-site area. A radiological monitoring program conducted by the Southwestern Radiological Health Laboratory*, Environmental Protection Agency, detected radioactivity in environmental media in a widespread area of the western United States. From an evaluation of the measurements of external gamma radiation levels and of radioactivity concentrations in air, milk, precipitation, water, and other media, the radiation exposures to off-site residents were found to be within the radiation protection standards of the AEC Manual, Chapter 0524.

All off-site gamma exposure rate measurements at inhabited locations were less than one mR/h. The highest measured exposure rate obtained off-site was 1.2 mR/h one mile east of Queen City Summit, an uninhabited location on Highway 25.

Based on a $t^{-1.2}$ extrapolation of ratemeter data, an estimate of 36 mR as the highest estimated infinity exposure from external gamma radiation at a populated location (Clark Station) was reported in the May 10, 1971 "Interim Report of Off-Site Surveillance for the Baneberry Event". This was noted as the most conservative estimate, and that 20 mR was a more valid preliminary value. An algorithm was later developed, based on a generalized decay scheme of ground-deposited Baneberry activity. This algorithm provided extrapolation factors which indicated 13 mR is a more appropriate estimate for Clark Station, Nevada. Using the algorithm for Baneberry activity, the highest estimated infinity exposure at an inhabited location was 16 mR at Blue Jay Highway Maintenance Station, Nevada, 66 miles northeast of Tonopah, Nevada, on Highway 6.

The highest ^{131}I concentration detected in milk was 810 pCi/l at the McCurdy Ranch near Springdale, Nevada. This resulted in an estimated thyroid dose of 130 mrem to a two-year-old child who was consuming the milk.

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* Renamed as the Western Environmental Research Laboratory on May 21, 1971.

The highest estimated thyroid doses were to eight sheepherders in central Nevada who were using melted snow contaminated by the Baneberry release for drinking and cooking. Based on environmental sampling results, information from some of the sheepherders, and records of snowfall, an estimate of their thyroid dose was 0.5 rem plus or minus a factor of 3 (i.e., 0.17 to 1.5 rem).

Higher than normal levels of radiostrontium and plutonium were detected in selected snow samples, and radiostrontium was detected on selected air filters containing radioiodine. Tritium attributed to Baneberry was also detected in selected snow samples. The highest concentrations of these radionuclides were below the Concentration Guides of the AEC Manual, Chapter 0524.

TABLE OF CONTENTS

ABSTRACT i
LIST OF TABLES iv
LIST OF FIGURES v
INTRODUCTION 1
OPERATIONAL PROCEDURES 2
SUMMARY 4
    Distribution of Activity 4
    Activity in Milk 8
    Doses and Exposures 12
RESULTS 14
    Gamma Exposure Rates 14
    Gamma Exposures 20
    Air Sampling 24
    Milk Sampling 34
    Milk Cow Feed Sampling 38
    Comparison of Ingestion Doses and Inhalation Doses 42
    Water Sampling 44
    Natural Vegetation Sampling 46
    Precipitation Sampling 48
    Whole-Body Counting 54
DISCUSSION AND CONCLUSIONS 55
REFERENCES 57
APPENDICES 58

LIST OF TABLES

Table Page

1. Hypothetical Infant Infinity Thyroid Doses Greater than 10 mrem Due to Inhalation, as Estimated from Baneberry Air Sampling Results. 25

2. Plutonium and Strontium Results on Selected Air Sampler Filters. 33

3. Tritium, Strontium and Plutonium Concentrations in Selected Precipitation Samples. 53

LIST OF FIGURES

Figure 1. Environmental Sampling Locations in Nevada. 5

Figure 2. Environmental Sampling Locations Outside Nevada. 7

Figure 3. Concentrations (pCi/l) of ^{131}I in Milk versus Time - Nevada. 9

Figure 4. Concentrations (pCi/l) of ^{131}I in Milk versus Time - Outside Nevada. 11

Figure 5. Estimated Thyroid Doses (mrem) from Radioiodine - Nevada. 13

Figure 6. Area Monitored and Highest Exposure Rates (mR/h) - Nevada, Baneberry D-Day (12/18/70). 15

Figure 7. Area Monitored and Highest Exposure Rates (mR/h) - Nevada, Baneberry D+1 (12/19/70). 17

Figure 8. Area Monitored and Highest Exposure Rates (mR/h) - Nevada, Baneberry D+2 thru 10 (12/20-28/70). 19

Figure 9. Net Infinity External Gamma Exposures (mR) - Nevada. 21

Figure 10. Infinity Exposures versus Distance. 23

Figure 11. Integrated Concentrations of ^{131}I in Air versus Distance from Test Point. 27

Figure 12. Distribution of Hypothetical Infant Thyroid Inhalation Doses (mrem) Within the State of Nevada. 29

Figure 13. Distribution of Hypothetical Infant Thyroid Inhalation Doses (mrem), Outside Nevada. 31

Figure 14. Peak ^{131}I in Milk and Estimated Hypothetical Infant Thyroid Dose. 35

Figure 15. Radioiodine in Milk - Outside Nevada. 37

Figure 16. Peak ^{131}I in Milk versus Peak ^{131}I in Cow Feed. 39

Figure 17. Estimated Hypothetical Infant Thyroid Doses as a Function of Distance. 41

Figure 18. Estimated Hypothetical Infant Thyroid Ingestion Doses versus Inhalation Doses. 43

LIST OF FIGURES (continued)

Figure 19. Water Sampling - Nevada. 45

Figure 20. Vegetation Sampling Results (gross gamma cpm/kg) - Nevada. 47

Figure 21. ^{132}Te Concentration (pCi/l) in Precipitation Samples - Nevada. 49

Figure 22. ^{132}Te Concentration (pCi/l) in Precipitation Samples - Outside Nevada. 51

Figure 23. Distribution of Total Estimated Infant Thyroid Dose (mrem) in Nevada. 56

INTRODUCTION

The Baneberry Event was an underground nuclear weapon test conducted by the Lawrence Radiation Laboratory in Area 8 of the Nevada Test Site. A few minutes after detonation at 0730 hours PST on December 18, 1970, fission products were ejected into the atmosphere from a crevice near surface ground zero. Winds carried the effluent beyond the boundaries of the Test Range Complex (Nevada Test Site, Nuclear Rocket Development Station, Nellis Air Force Range, and Tonopah Test Range). Radioactive material was detected in environmental samples in all the western states except Colorado, Arizona, and New Mexico; and was also detected in North Dakota, South Dakota, Minnesota, Missouri, Arkansas, and Texas.

In accordance with AEC-EPA Memorandum of Understanding SF 54 373, the Environmental Protection Agency, Southwestern Radiological Health Laboratory (SWRHL)* performed aerial and ground monitoring and sampling to assess the resultant levels of radioactivity in the off-site area. This report presents the results of the environmental monitoring for Baneberry.

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*On December 2, 1970, these functions of the Southwestern Radiological Health Laboratory were transferred from the Public Health Service (PHS) to the newly-formed Environmental Protection Agency. The Laboratory was renamed as the Western Environmental Research Laboratory (WERL) on May 21, 1971.

OPERATIONAL PROCEDURES

After the release of activity from the Baneberry Event, SWRHL monitors were positioned at inhabited locations and on roads and highways likely to be crossed by the predicted effluent trajectory to measure radiation levels and collect environmental samples. The monitors were equipped with radiation survey instruments, gamma-rate recorders, thermoluminescent dosimeters (TLD's), portable air samplers, and supplies for collecting environmental samples. All personnel were directed by two-way radio from a control center at the Nevada Test Site.

The nature of the Baneberry effluent was initially determined by aerial monitoring. Personnel in a U.S. Air Force U-3B aircraft and a SWRHL T-34 aircraft located the boundaries and areas of maximum activity of the radioactive cloud. Two SWRHL Turbo-Beech aircraft performed cloud sampling and monitoring. All aerial tracking and monitoring data were radioed immediately to the control center. This information, along with meteorological and on-site monitoring information, was used to direct the placement of ground monitors, portable air samplers, portable recorders, and TLD's in the off-site area.

During the passage of the effluent, ground level external radiation levels and concentrations of airborne radioactivity were measured by air sampling and radiation monitoring with survey meters, gamma-rate recorders and TLD's. After cloud passage, monitors continued to record radiation readings and collected milk, water, cow feed, precipitation, and natural vegetation samples to document residual contamination levels and to assess radiation exposures to off-site residents.

In addition to the radiation data obtained by monitors, data from networks of continuous air samplers, gamma-rate recorders, and TLD's were used to measure off-site radiation levels and exposures. The SWRHL Air Surveillance Network (ASN) of 104 continuously-operated stations and 10 standby stations west of the Mississippi River was used to collect daily samples of airborne particles and gases on particulate filters and charcoal cartridges. These filters and cartridges were mailed or brought to the Laboratory for analyses.

Recorder charts from the thirty-two gamma-rate recorders located at ASN stations in the immediate vicinity of the Test Range Complex were used for measuring exposure rates and estimating external radiation exposures. TLD's within the 93-station SWRHL Dosimetry Network were exchanged during the week of December 28, one week earlier than the normal monthly exchange, to obtain integrated exposure data.

On December 20 and 21, fifty of the 189 Grade A dairies which participate in the Standby Milk Surveillance Network covering the western states were requested to mail raw milk samples to the Laboratory each day for a one-week period. Those locations where radioiodine was detected were requested to mail daily samples for an additional week. The dairies that were sampled are located in northern Nevada, California, Idaho, Utah, Colorado, and Wyoming. In addition to these locations, each of four stations in the national Pasteurized Milk Network was requested to send one pasteurized milk sample to the Laboratory for analysis during the weeks of December 21 and December 28. These stations are located in Denver, Colorado; Idaho Falls, Idaho; Salt Lake City, Utah; and Laramie, Wyoming.

A more detailed description of the surveillance networks and procedures is contained in the report, NVO-40(1). The only important change not referred to by NVO-40 has been the phasing out of film badges and their replacement with TLD's in April 1970.

The SWRHL whole-body counting facility was used to measure radionuclides in off-site residents and monitors who were exposed to the Baneberry effluent.

SUMMARY

Distribution of Activity

Figure 1 shows where sampling of air, milk, and precipitation was performed within Nevada and where radioiodine was or was not detected. Isopleth mapping of precipitation and vegetation sampling results (Figures 20, 21, and 22) shows that the deposition pattern encompassed about 270 degrees, from southwest through north to southeast of the test point, with the line of maximum deposition initially extending almost due north of the test point. Analysis of air and precipitation samples outside Nevada (Figure 22) shows that the line of maximum deposition and/or airborne concentration then veered to the northeast across Idaho, Wyoming, Montana, and possibly North Dakota. Samples containing Baneberry radioactivity were found at Death Valley Junction, California (SW of the test point), at Redding, California (NW of the test point), from southern Idaho to Minnesota (NE of the test point), and in Missouri, Arkansas, and Texas (E and SE of the test point).

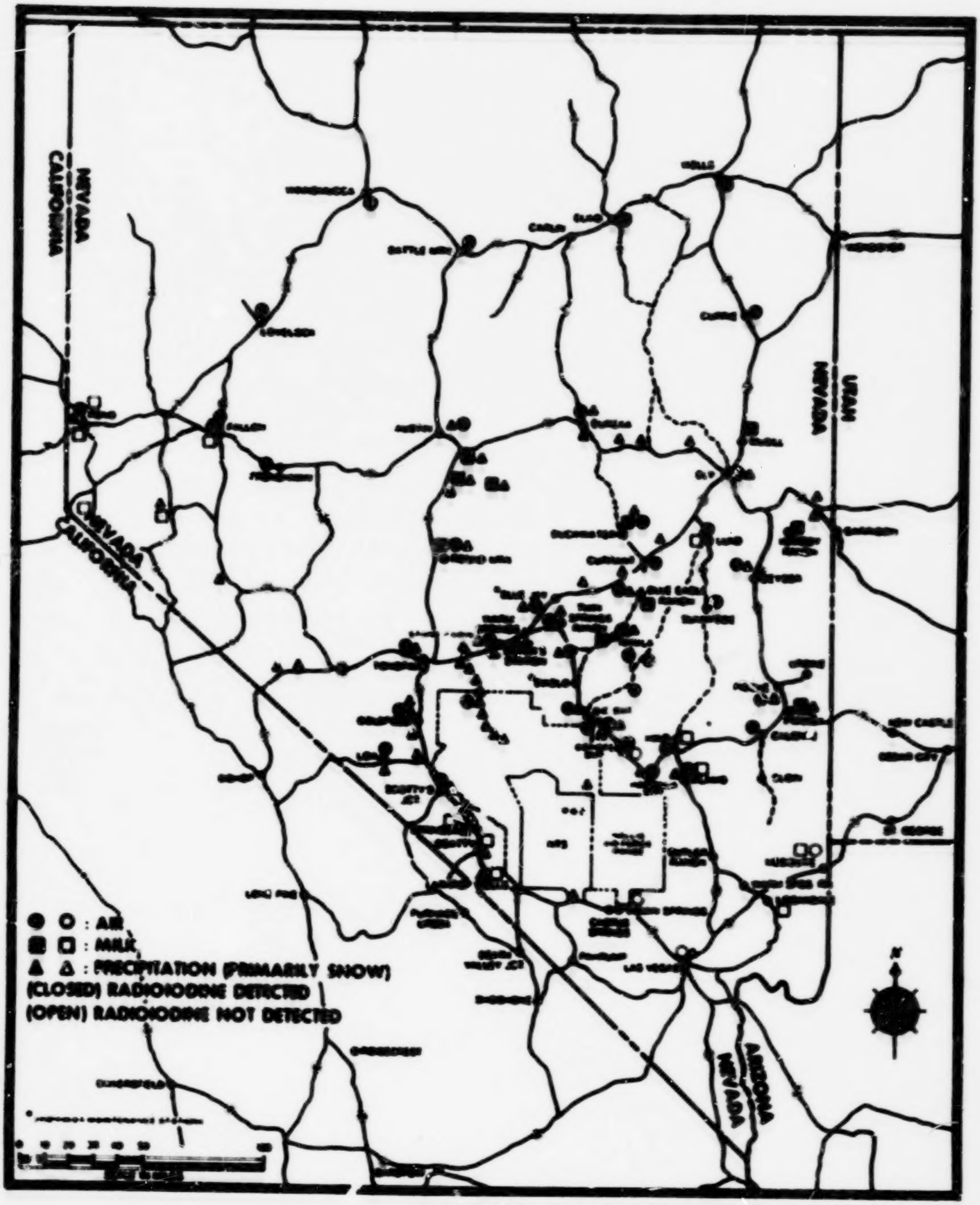


Figure 1. Environmental Sampling Locations in Nevada.

Figure 2 shows where sampling of air, milk, and precipitation was performed outside of Nevada, and whether or not the samples contained radioiodine.

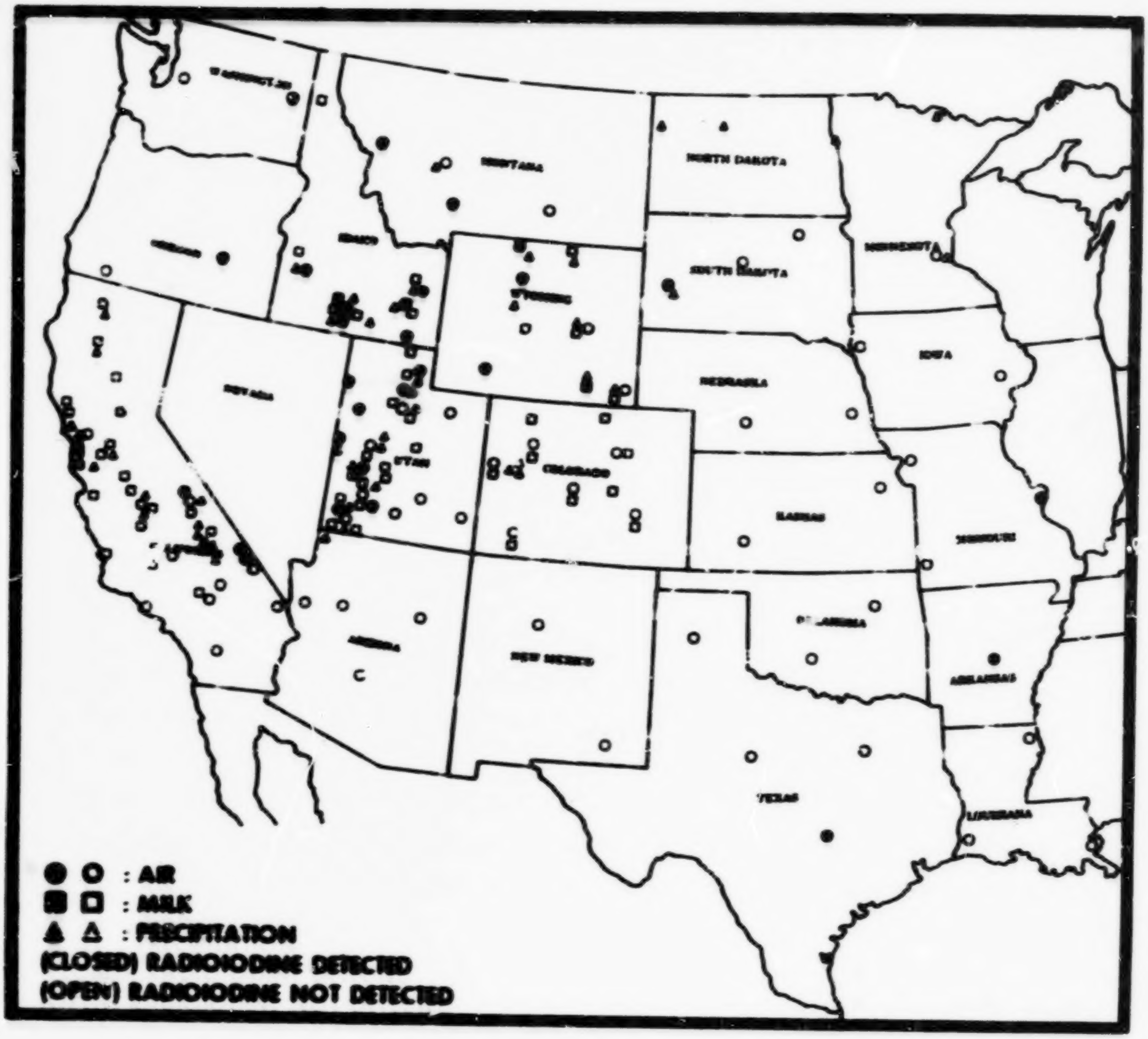


Figure 2. Environmental Sampling Locations Outside Nevada.

Activity in Milk

Figure 3 summarizes daily radioiodine concentrations in milk for stations where radioiodine was detected in Nevada. The area under the charted concentrations is indicative of the potential dose from drinking the milk. Samples for which radioiodine was not detected (ND) are indicated by a line near the abscissa (about 20 pCi/1), whereas blanks indicate no sample. The minimum detectable activity (MDA) for these samples was 20 pCi/1.

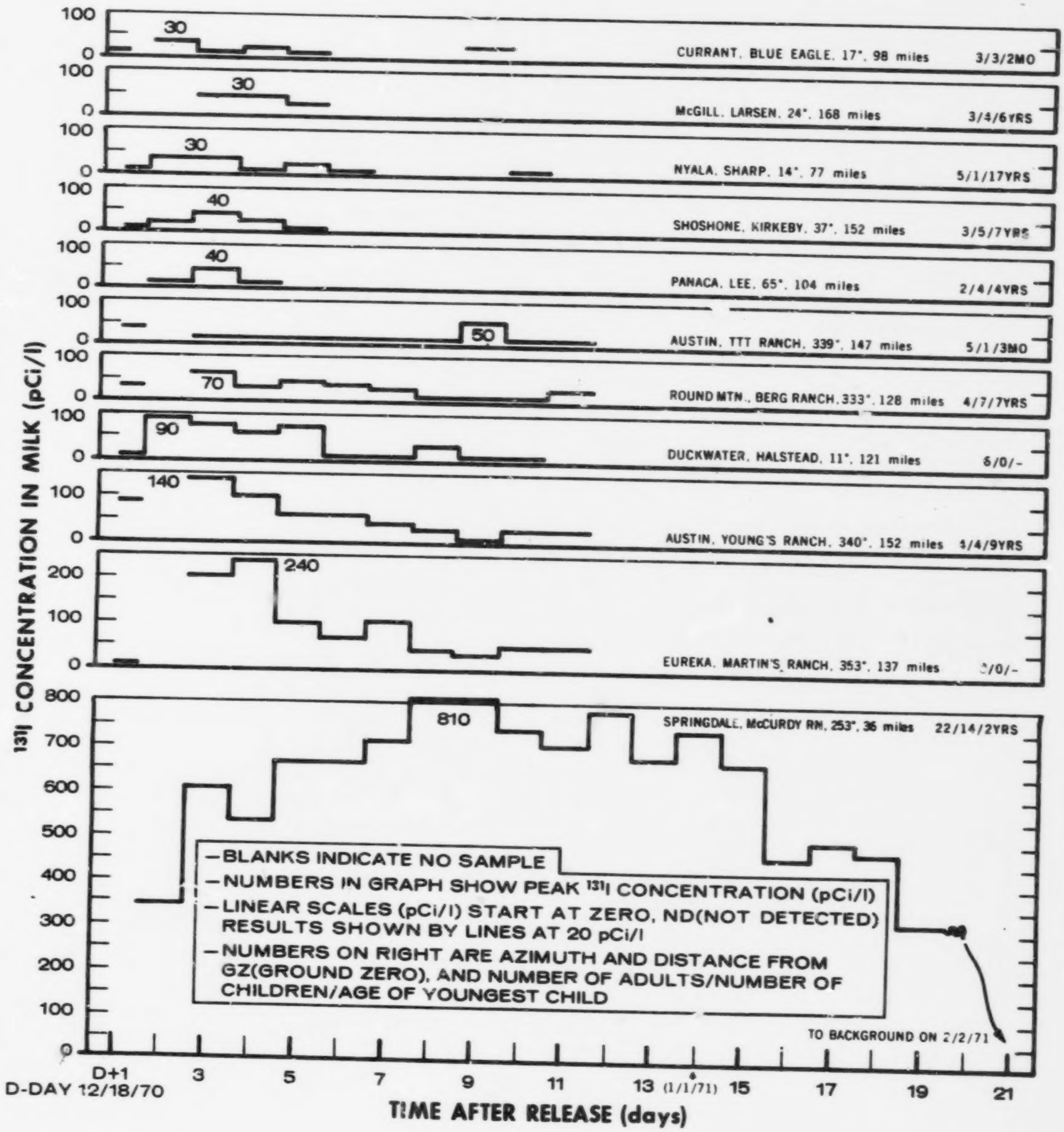
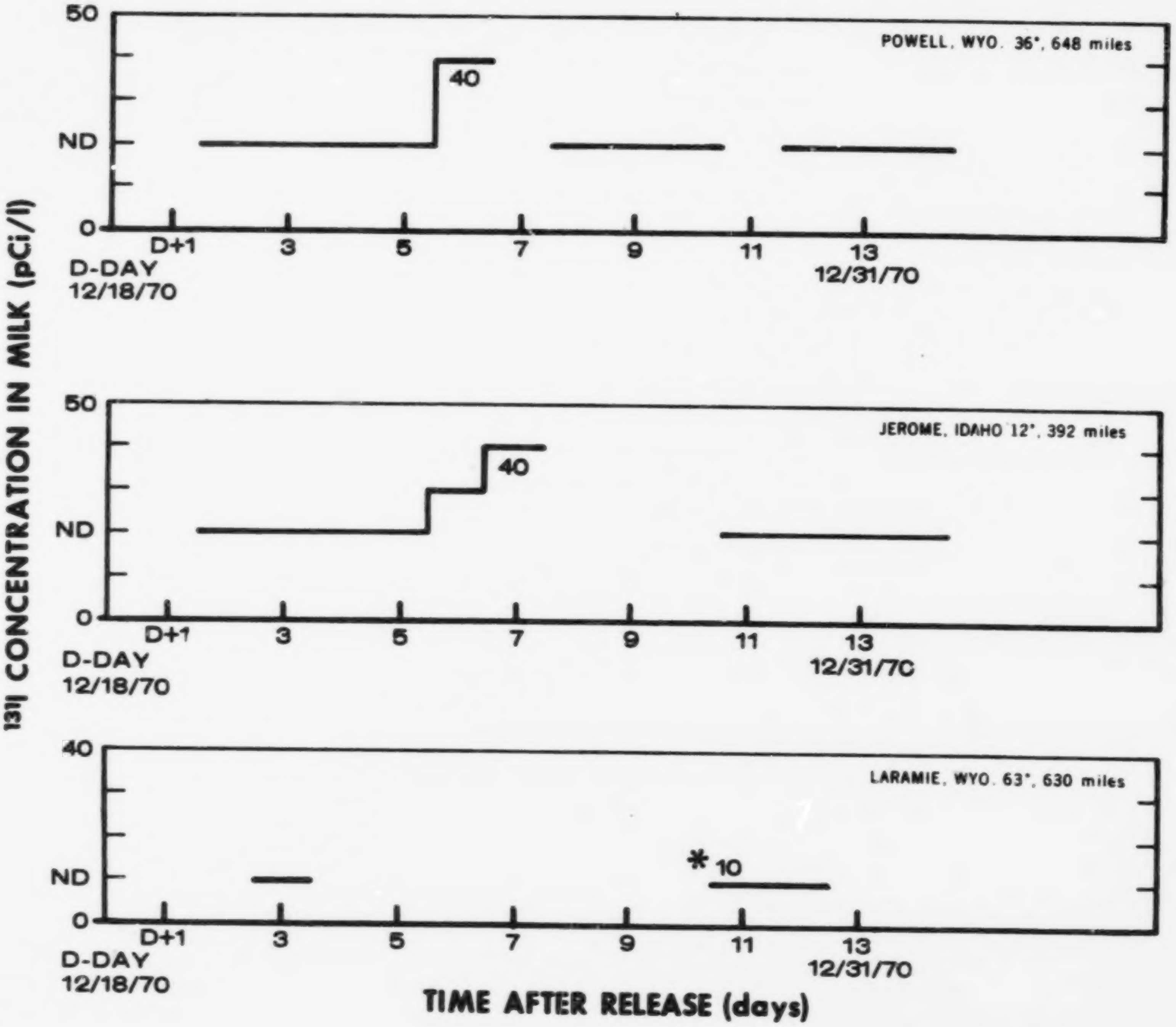


Figure 3. Concentrations (pCi/l) of ^{131}I in Milk versus Time - Nevada.

Figure 4 summarizes daily radioiodine concentrations in milk for stations where radioiodine was detected outside of Nevada. The samples collected at Laramie, Wyoming, were from the Pasteurized Milk Network (PMN). PMN samples are counted for 40 minutes, which lowers the MDA to 10 pCi/l.



- BLANKS INDICATE NO SAMPLE
- NUMBERS IN GRAPH SHOW PEAK ^{131}I CONCENTRATION (pCi/l)
- LINEAR SCALES (pCi/l) START AT ZERO, ND(NOT DET DETECTED) RESULTS SHOWN BY LINES AT 10 pCi/l OR 20 pCi/l
- NUMBERS ON RIGHT ARE AZIMUTH AND DISTANCE FROM GZ(GROUND ZERO)

* LARAMIE IS A PMN STATION. MILK FROM THE PMN IS COUNTED FOR 40 MINUTES WHILE ALL OTHERS ARE COUNTED FOR 20 MINUTES. THE MDA IS 20 pCi/l FOR A 20-MINUTE COUNT AND 10 FOR A 40-MINUTE COUNT.

Figure 4. Concentrations (pCi/l) of ^{131}I in Milk versus Time - Outside Nevada.

Doses and Exposures

Figure 5 shows the estimates of radiation doses to the thyroid of hypothetical infant receptors in the off-site area from the inhalation of airborne radioiodine and the ingestion of radioiodine in milk. The cross-hatched area near Duckwater also denotes the general area where eight sheepherders used melted snow contaminated with the Baneberry effluent for drinking and cooking.

The numbers on the map are thyroid dose estimates for a hypothetical infant receptor (two-gram thyroid) with an assumed milk consumption of one liter per day, except for the dose number shown at Beatty, Nevada. The dose at that location refers to the sum of the inhalation and ingestion doses that was estimated to have occurred to the youngest child actually drinking the milk produced at the McCurdy Ranch near Springdale, Nevada. This individual was a two-year-old child residing in Beatty, who was assumed to have a three-gram thyroid for the purpose of dose calculation.

The highest estimated thyroid dose was calculated for the eight sheepherders, who may have received 0.5 rem plus or minus a factor of three*, based upon environmental sampling results, their location, water consumption information, and records of snowfall in the area. The factor of 3 variation in the dose estimate is due to a lack of detailed information concerning the geographical distribution of the fallout in the area, the dilution effects of new snowfall, and the distribution of radioactivity with snow depth. (See Appendix B for assumptions used in the calculations).

Based on a $t^{-1.2}$ extrapolation of ratemeter data, an estimate of 36 mR as the highest estimated infinity exposure at a populated location (Clark Station) was reported in the May 10, 1971, "Interim Report of Off-Site Surveillance for the Baneberry Event."(2) This was noted as the most conservative estimate, and that 20 mR was a more valid preliminary value. An algorithm was subsequently developed which, based on a generalized decay scheme of ground-deposited Baneberry activity, provided extrapolation factors which indicated 13 mR is a more appropriate estimate for Clark Station. Using the algorithm for Baneberry acitivty, the highest estimated infinity external gamma exposure at an inhabited location was 16 mR at Blue Jay Highway Maintenance Station, 66 miles northeast of Tonopah, Nevada, on Highway 6.

All off-site gamma exposure rate measurements at inhabited locations were less than one mR/h. The highest measured exposure rate obtained off-site was 1.2 mR/h one mile east of Queen City Summit, an uninhabited location on Highway 25, listed in Table A-1, Appendix A, as 25Ny2.

Five personnel who served as aircrew members in tracking and sampling aircraft for the event were counted with the SWRHL whole-body counter. All doses to the thyroid were estimated to be less than 50 mrem. Three off-site monitors who were working in the effluent trajectory near the NTS boundary were also whole-body counted. No detectable radioiodine activity was found. Mrs. McCurdy and her 13-year-old son were whole-body counted, and both had a calculated thyroid dose of less than 10 mrem. The methods used for estimating the thyroid doses are described in Appendix B.

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*An expected value of 0.5 rem within a range of 0.17 rem to 1.5 rem.

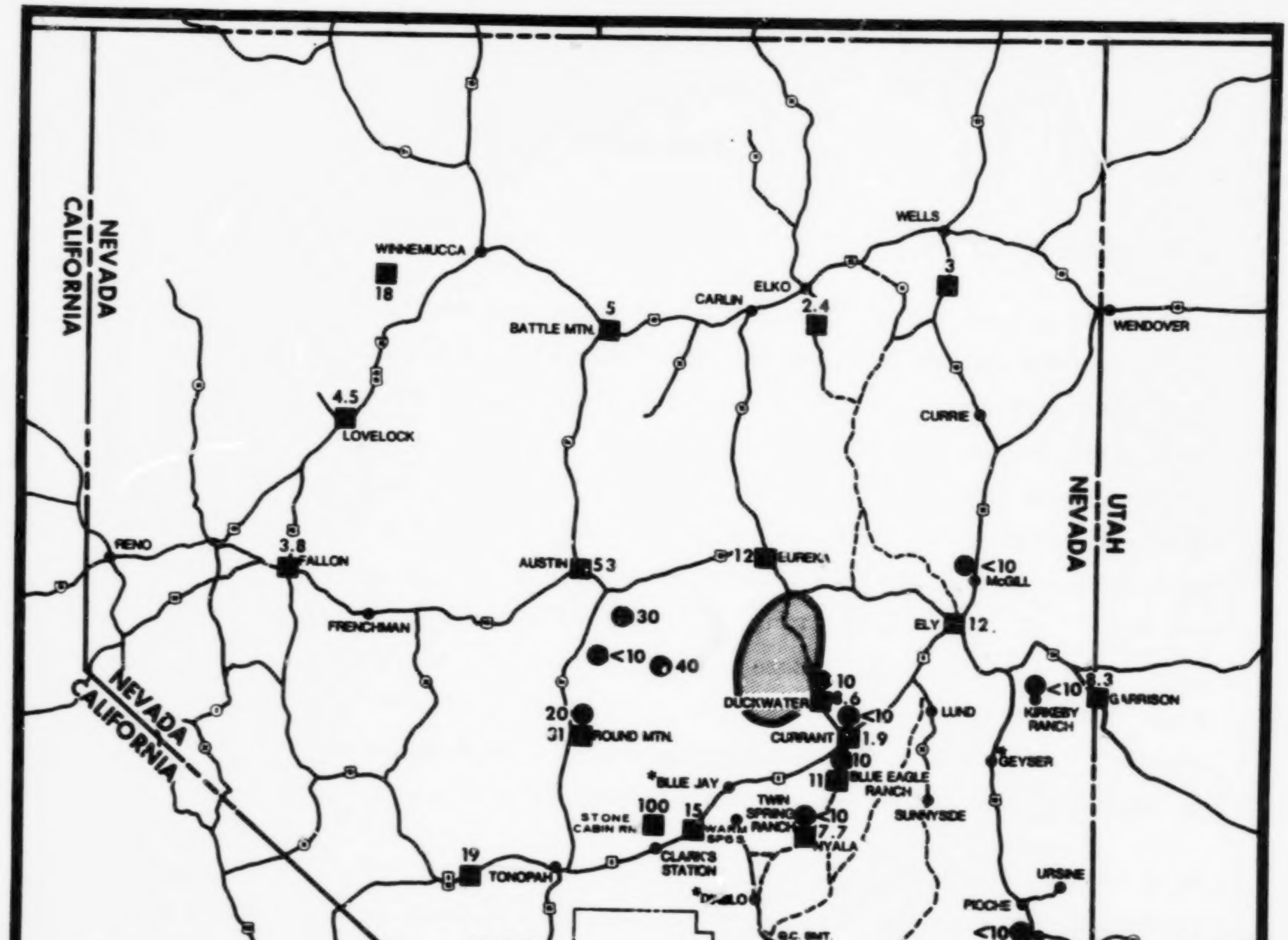

Figure 5. Estimated Thyroid Doses (mrem) from Radioiodine - Nevada.

RESULTS

Gamma Exposure Rates

Twenty-six ground monitors were fielded after the Baneberry Event. All exposure rate values reported by ground monitors were based on readings collected with Eberline E-500B Geiger-Mueller survey meters. Some monitors were stationed at one location long enough to obtain a time profile of cloud arrival, peak exposure rate, and the decay of the residual activity. Other monitors moved along the highways to determine the extent of the affected area and to locate the path of maximum activity. Figures 6, 7, and 8 show the extent of ground monitoring on D-day, D+1, and D+2 through D+10, respectively. A series of small dots along the roads shows that the area was monitored and found to be background. Solid squares indicate the area was monitored and found to be above background. Exposure rates noted include an environmental background of approximately 0.02 mR/h.

On D-day, December 18, 1970, activity was found along U.S. 6 from Tonopah to Warm Springs and on State Road 25 from Warm Springs to near Coyote Summit (see Figure 6). Activity was also found along old Highway 25 through the northern part of the Test Range Complex. The highest measured gamma exposure rates are also shown in this Figure. The highest reading in the off-site area was 1.2 mR/h one mile east of Queen City Summit, an unpopulated location. The five highest readings at off-site residences on D-day were at the Stone Cabin Ranch (0.6 mR/h, 6 people), Clark Station (0.4 mR/h, 1 person), Blue Jay Highway Maintenance Station (0.5 mR/h, 5 people), Diablo Highway Maintenance Station (0.3 mR/h, 3 people), and Twin Springs Ranch (0.2 mR/h, 9 people). Since the six people at Stone Cabin Ranch were actually in Tonopah for the day, the inhabited location with the highest exposure rate on D-day was Blue Jay Highway Maintenance Station.

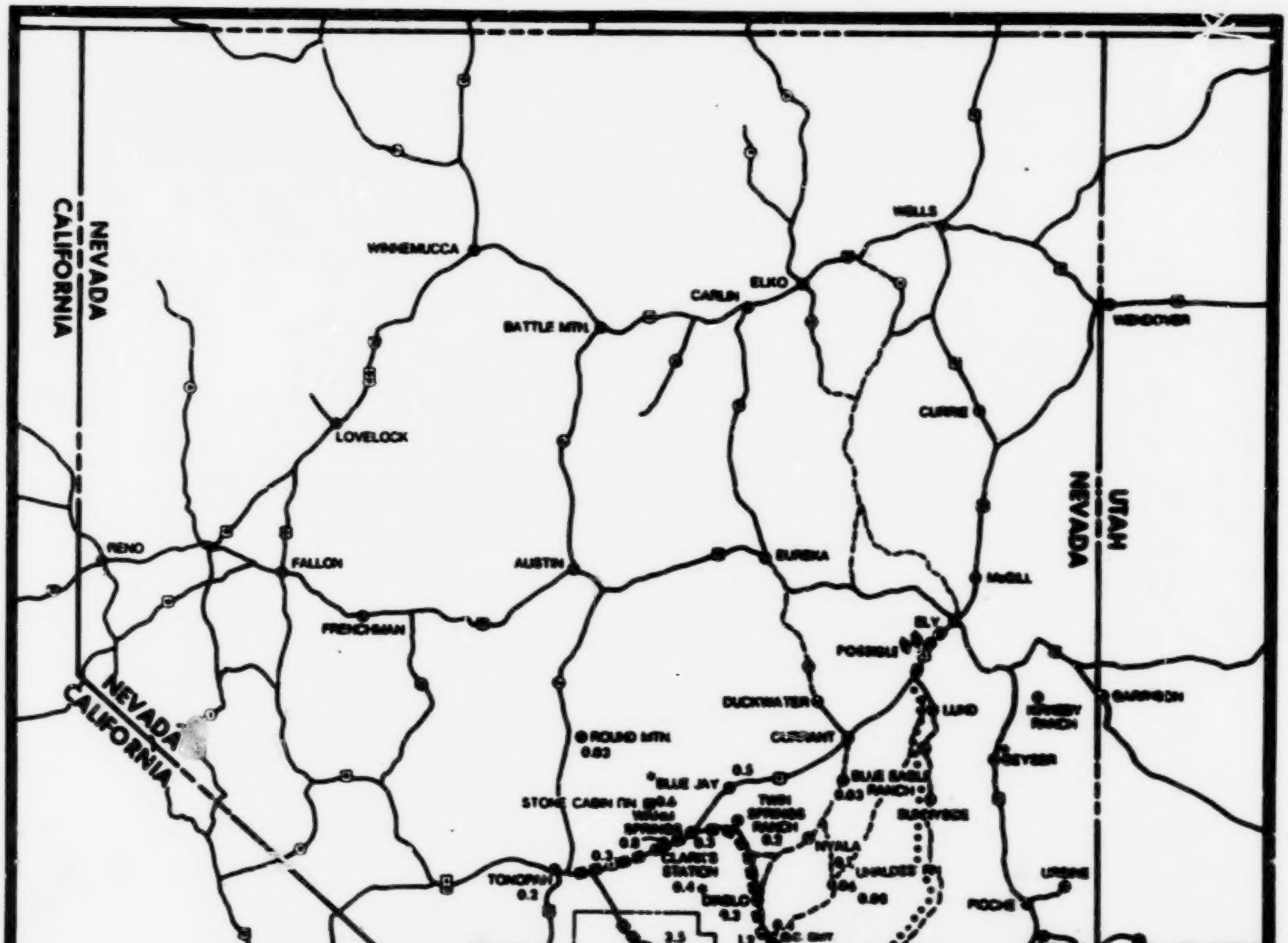

Figure 6. Area Monitored and Highest Exposure Rates (mR/h) - Nevada, Baneberry D-Day (12/18/70).

The extent of ground monitoring conducted on D+1, December 19, 1970 is shown in Figure 7. Activity was located in the same areas as on D-day and was also found to the southwest as a result of a wind shift, which carried the still venting effluent from the Test Site in that direction. Activity was found along U.S. 95 from Tonopah to Beatty, decreasing from 0.07 mR/h at Tonopah to near background at Beatty. No detectable activity was found as far north as U.S. 50.

The highest reading observed on D+1 was 0.3 mR/h, 17 miles east of Tonopah on U.S. 6. The five highest residual exposure rates measured at inhabited locations were still the Stone Cabin Ranch (0.07 mR/h), Clark Station (0.1 mR/h), Blue Jay Highway Maintenance Station (0.1 mR/h), Diablo Highway Maintenance Station (0.1 mR/h), and Twin Springs Ranch (0.1 mR/h).

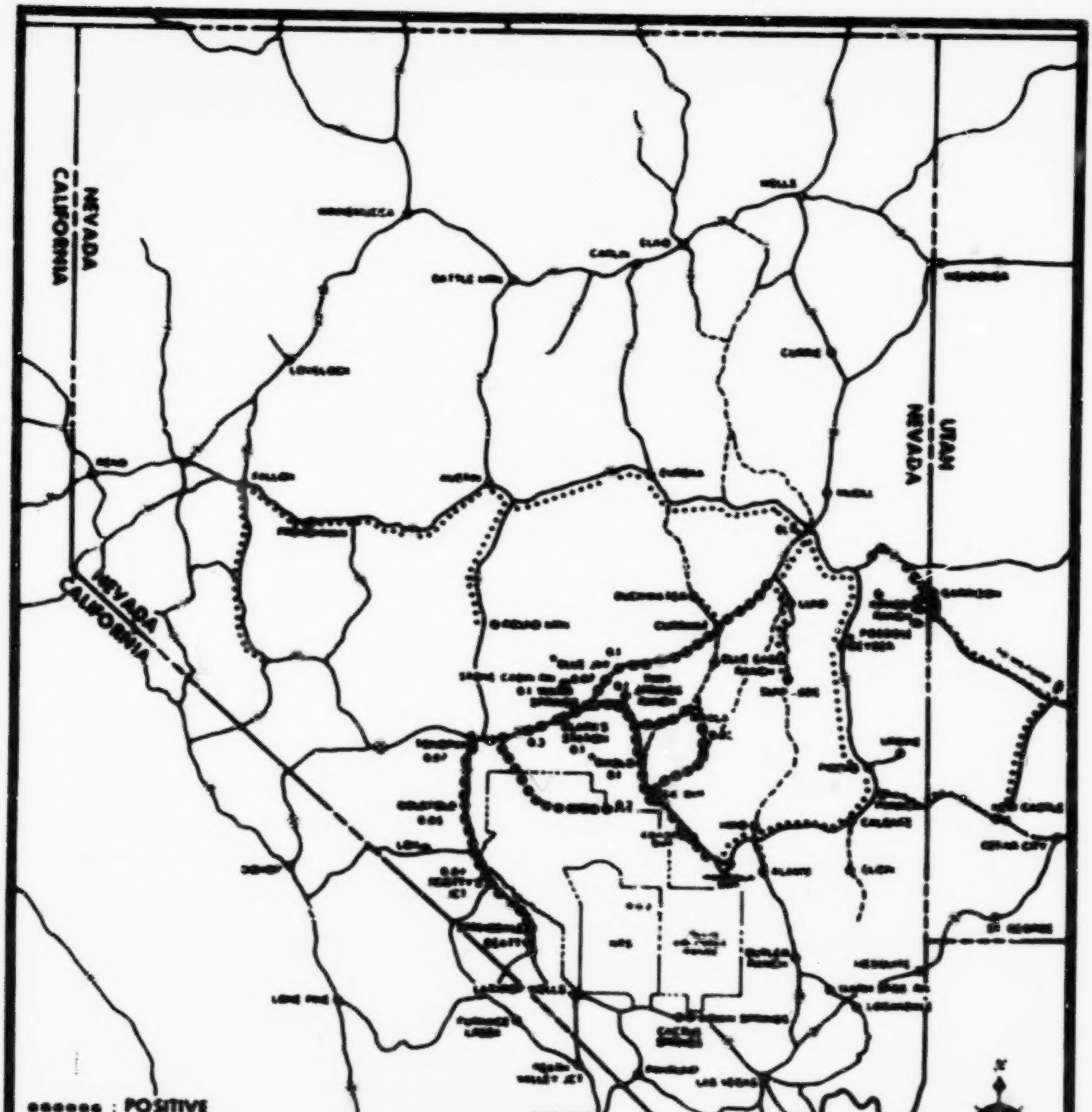

Figure 7. Area Monitored and Highest Exposure Rates (mR/h) - Nevada, Baneberry D+1 (12/19/70).

Ground monitoring conducted on D+2, December 20, 1970 is shown in Figure 8. The contaminated area had receded slightly on the northeast edges because of decay, but activity was found further north than before. The reading at Austin was 0.05 mR/h, and at Round Mountain, 0.06 mR/h. The five inhabited locations with the highest readings on D+2 were Stone Cabin Ranch (0.07 mR/h), Clark Station (0.07 mR/h), Blue Jay Highway Maintenance Station (0.1 mR/h), Diablo Highway Maintenance Station (0.06 mR/h), and Round Mountain (0.06 mR/h). The reading at Tonopah was down to 0.04 mR/h.

Figure 8 also shows the monitoring results for the days following D+2. Activity was detectable at Round Mountain, the Triple T Ranch, the Young Ranch, and the Martin Ranch through D+3, but all of these were down to background on D+4. The area including Clark Station, Stone Cabin Ranch, Warm Springs, Blue Jay Highway Maintenance Station, Twin Springs Ranch, and Diablo Highway Maintenance Station had detectable activity on D+4, but was down to background by D+10. A "hot spot" on U.S. 6, 17 miles east of Tonopah, continued to show activity on D+10 and had a reading of 0.05 mR/h when monitored that day. By D+33, January 20, 1971, the reading was down to 0.03 mR/h compared to 0.02 mR/h one mile either side of the "hot spot."

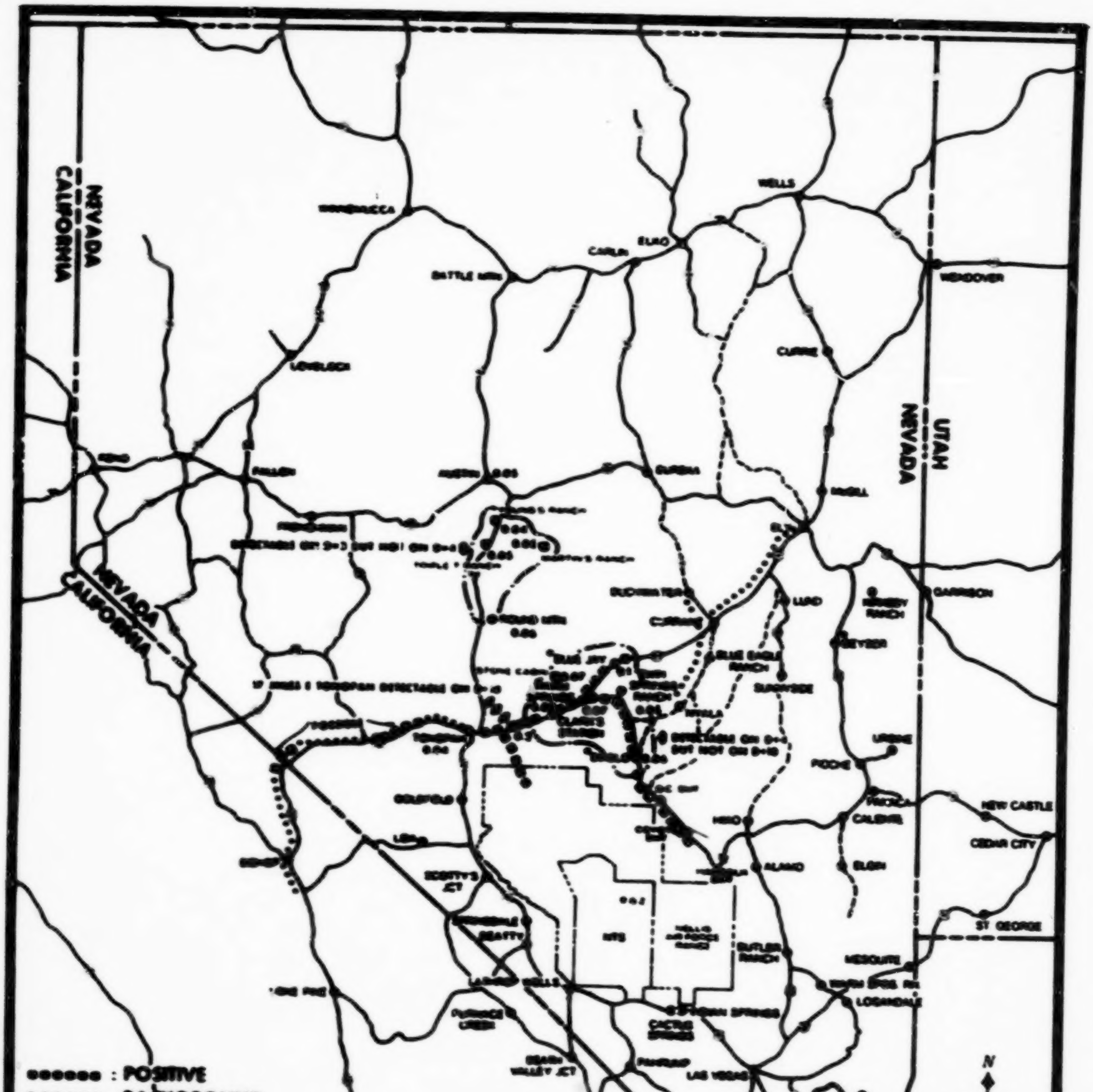

Figure 8. Area Monitored and Highest Exposure Rates (mR/h) - Nevada, Baneberry D+2 thru 10 (12/20-28/70).

Gamma Exposures

Estimates of infinity gamma exposures at 113 off-site locations were based on the integration of three types of ratemeter data and the extrapolation of thermoluminescent dosimeter readings. Ratemeter data included hand-held E-500B survey meter readings, E-500B recorder charts (henceforth called recorders) and RM-11 gamma recorder charts (henceforth called RM-11's). TLD values were obtained from EG&G model TL-12 dosimeters placed at various locations on D-day and from 93 off-site stations, which are maintained continuously. It was possible to estimate exposures on the order of one mR with ratemeter data, whereas the TLD estimates were limited to about 5 mR. Recorders supplemented ground monitoring, and the data from these two sources were considered equivalent. Most of the RM-11 data could not be used due to instrument malfunction.

Methods for calculating infinity exposures from ratemeter and TLD data are explained in detail in Appendix A. In summary, a generalized decay scheme of ground deposited activity was derived from vegetation and air samples. From this, factors were developed which, when applied to ratemeter and TLD readings, gave an infinity exposure estimate. This technique replaced the $t^{-1.2}$ extrapolation technique used to obtain the preliminary estimates reported on May 10, 1971(2) the five highest of which were 36 mR at Clark Station, 24 mR at Blue Jay Highway Maintenance Station, 17 mR at Diablo Highway Maintenance Station, 14 mR at Stone Cabin Ranch, and 13 mR at Warm Springs.

Whenever more than one exposure estimate was made for a given location, only one value was chosen to represent the exposure at that location. This "best estimate" was based on the completeness of the available data and the credibility of the particular instrument used. A range of values can be expected when more than one measurement of the quantity is made. The accuracy of calibration for the ratemeters with a ^{137}Cs source is ±20% of full scale, but additional error was, no doubt, introduced whenever incomplete data were integrated. Except for RM-11 data and TLD values below 1 mR, the greatest differences in exposure estimates were 46% at Diablo Highway Maintenance Station and 36% at highway stake 25NY2. All other differences were less than 31%, which is probably within the error of measurement and the extrapolation technique. From these best estimates the five highest exposures at inhabited locations were:

Blue Jay Highway Maintenance Station, Nevada - 16 mR
Clark Station, Nevada - 13 mR
Diablo Highway Maintenance Station, Nevada - 13 mR
Warm Springs, Nevada - 9 mR
Stone Cabin Ranch, Nevada - 8 mR

A complete listing of exposure estimates can be found in Appendix A, Table A-1. During the Baneberry post-shot monitoring period, 65 persons at 36 locations wore dosimeters. Only one of these persons, a resident of Diablo Highway Maintenance Station, had a measured exposure (4±3 mR) greater than background. Table A-2, Appendix A, includes all the dosimeter results for off-site personnel.

Data from Table A-1, Appendix A, were used to develop the isopleth map of exposures shown in Figure 9. The three isopleths representing 100 mR, 10 mR, and 1 mR gamma exposures plotted in this figure depict the general shape of the fallout pattern.

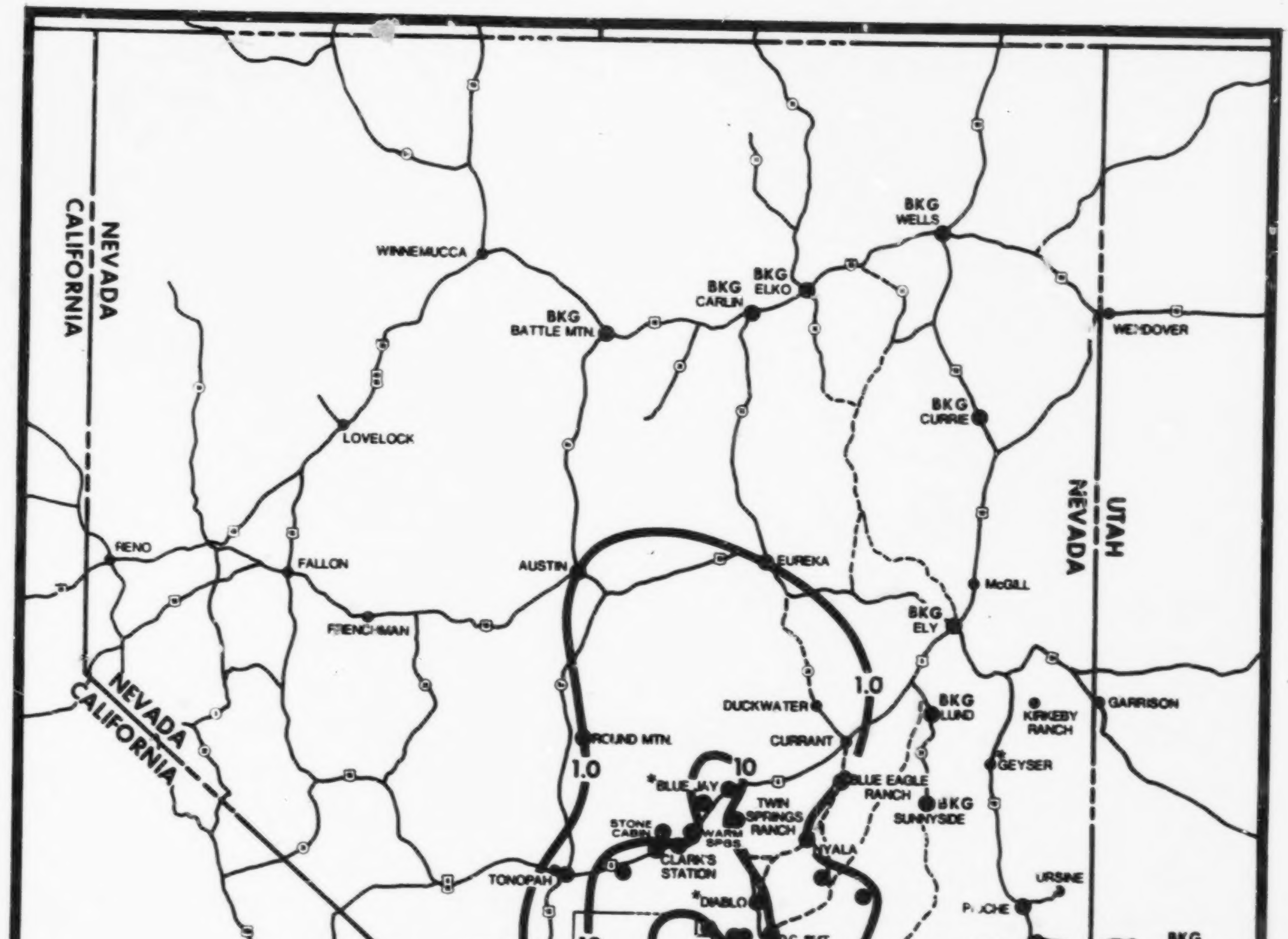

Figure 9. Net Infinity External Gamma Exposures (mR) - Nevada.

External exposures from Table A-1, Appendix A were plotted versus distance from the test point in Figure 10. The exposures vary according to their lateral distance from the line of maximum exposure along the effluent and deposition trajectory, as well as with distance from the test point. The exposures form an envelope to the left of a line representing the "line of maximum exposures" obtained from the isopleth plot in Figure 9. The line representing this function is shown on the scatter diagram indicating that exposure apparently decreased inversely as the fourth power of the distance from surface Ground Zero (GZ).

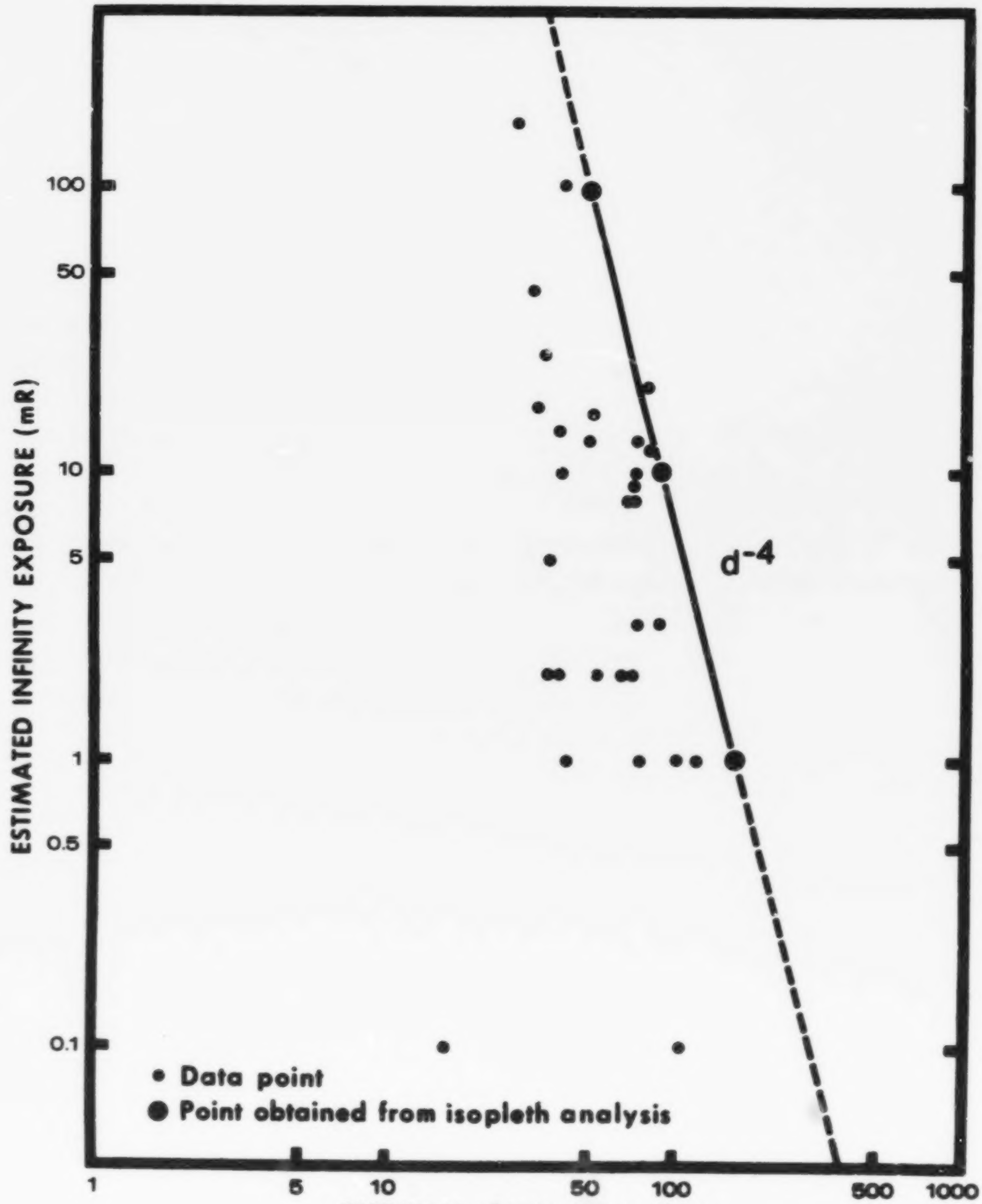

Figure 10. Infinity Exposures versus Distance.

Air Sampling

Various combinations of ^{131}I, ^{132}Te, ^{133}I, and ^{135}I were detected on the particulate filters and charcoal cartridges of air samplers comprising the Air Surveillance Network. From the time-integrated concentrations of the radionuclides extrapolated to end of collection, estimates were made of the potential radiation doses to the thyroids of off-site populations from the inhalation of the radioiodines and ^{132}Te.

Table 1 presents a summary of the estimated thyroid doses for all stations beyond the Test Range Complex at which the dose estimate could have exceeded 10 mrem, based on a hypothetical infant receptor (2-gram thyroid). These dose estimates were determined from the analytical results listed for these stations in Appendix C and the dose calculation procedure of Appendix B. The estimates of thyroid doses for all sampling stations are listed in Table B-2, Appendix B.

Table 1. Hypothetical Infant Infinity Thyroid Doses Greater than 10 mrem Due to Inhalation, as Estimated from Baneberry Air Sampling Results.

Location	Sampling Period Date/Time On Off	Time-Integrated Radioactivity Concentrations‡ (μCi·sec/m^3)				Estimated† Infant Thyroid Dose Equivalent (mrem)
		^{131}I	^{132}Te	^{133}I	^{135}I	
Stone Cabin Ranch* Nevada	18/0800 30/0800	21	71	280**	150**	100
Austin, Nevada	18/1100 23/1000	12*	31	150*	50	53
Round Mountain, Nevada	18/1146 26/1140	7.4	18	85**	27**	31
Blue Jay Hwy. Maint. Sta., Nevada	18/0740 28/0730	7.1	21	56	22**	23
Tonopah, Nevada	18/1130 26/1400	4.5**	8.2**	48**	35	19
Winnemucca, Nevada	19/0600 23/0600	5.3	16	47**	-	18
Warm Springs, Nevada	18/0800 22/0920	4.6	11	34	20**	15
Geyser Hwy. Maint. Sta., Nevada	18/1602 20/1705	5.1	21	28**	4.6**	14
Twin Springs Ranch, Nevada	18/0800 29/0800	5.8**	8.3	30**	2.1**	13
Ely, Nevada	18/1415 23/0900	4.1	14	28**	0.54**	12
Eureka, Nevada	18/1500 25/0700	3.8	12	28**	11**	12
Blue Eagle Ranch, Nevada	18/1700 25/1500	3.8**	12	24**	4.2	11
Frenchman Station, Nevada	19/0733 22/0700	3.7	13	27**	-	11

† - Calculation method shown in Appendix B.

‡ - Extrapolated to end of collection periods.

* - An electrical power failure between 0700 and 1200 on December 19 resulted in no sample collected for that period. Samples from Stone Cabin Ranch are identified in Appendix C as Clark Station

** - Estimated concentrations as described in Apprendix B.

Figure 11 presents the time-integrated concentrations of ^{131}I in air as a function of distance. The time-integrated ^{131}I values represent the total activity of this radionuclide on both the particulate filters and charcoal cartridges of all samples collected after December 18. Since atmospheric diffusion is approximately inversely proportional to the square of distance, a line with a minus 2 slope is presented for [illegible]ference purposes only.

Factors which influenced the data scatter included:

(1) A release of activity which was extended over a long period of time.

(2) Existence of "drainage" wind conditions at the Nevada Test Site which essentially reversed the wind direction during the night of December 18.

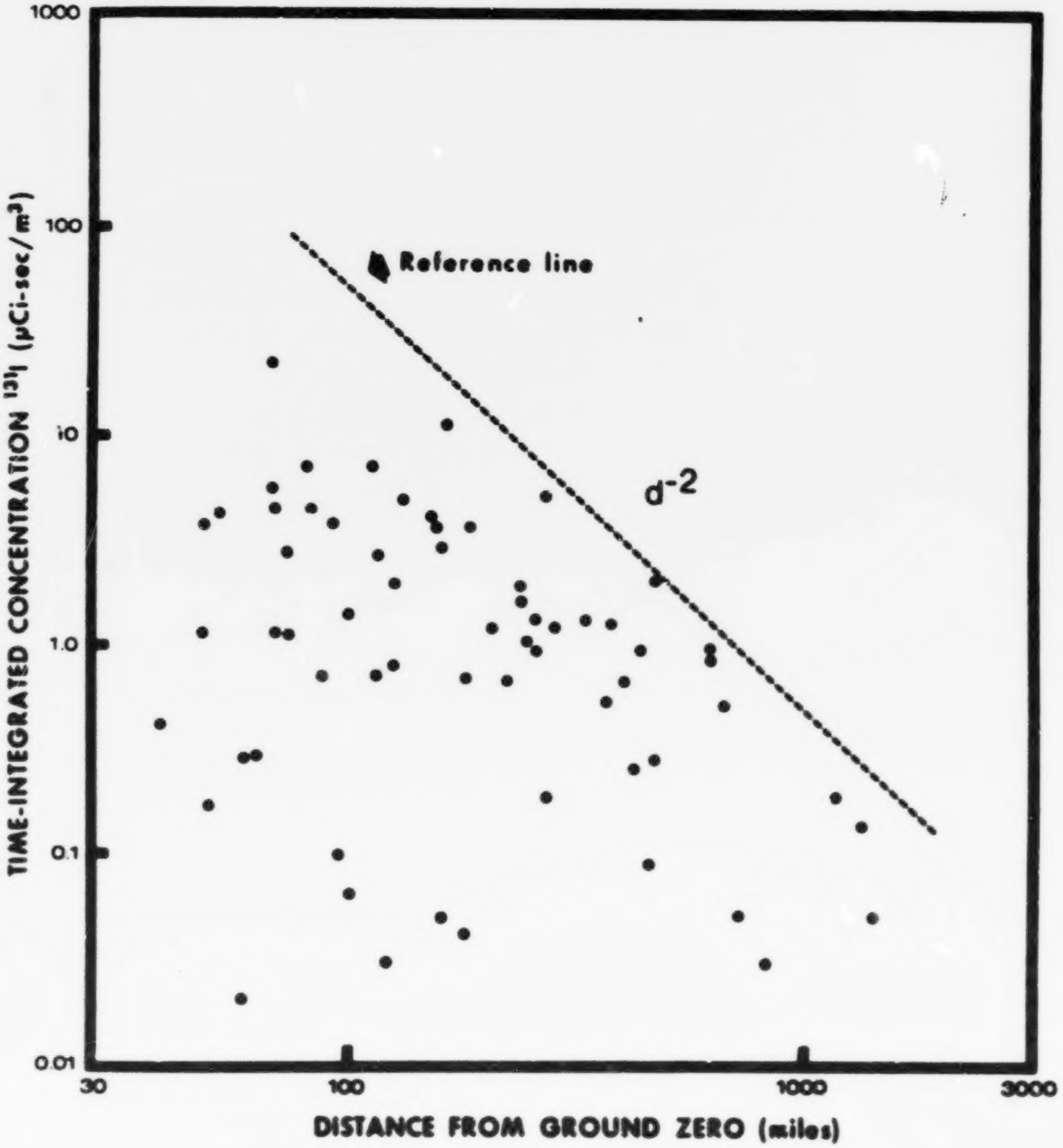

Figure 11. Integrated Concentrations of ^{131}I in Air versus Distance from Test Point.

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The isopleths presented in Figure 12 represent estimates of the distribution of thyroid inhalation doses for hypothetical infant receptors within the state of Nevada. The isopleths were derived from the hypothetical infant thyroid doses calculated from all air sampling results listed in Table B-2, Appendix B. These data indicate wide-spread detection of the effluent from Baneberry, with the highest doses generally occurring in a north-northwest direction from surface Ground Zero.

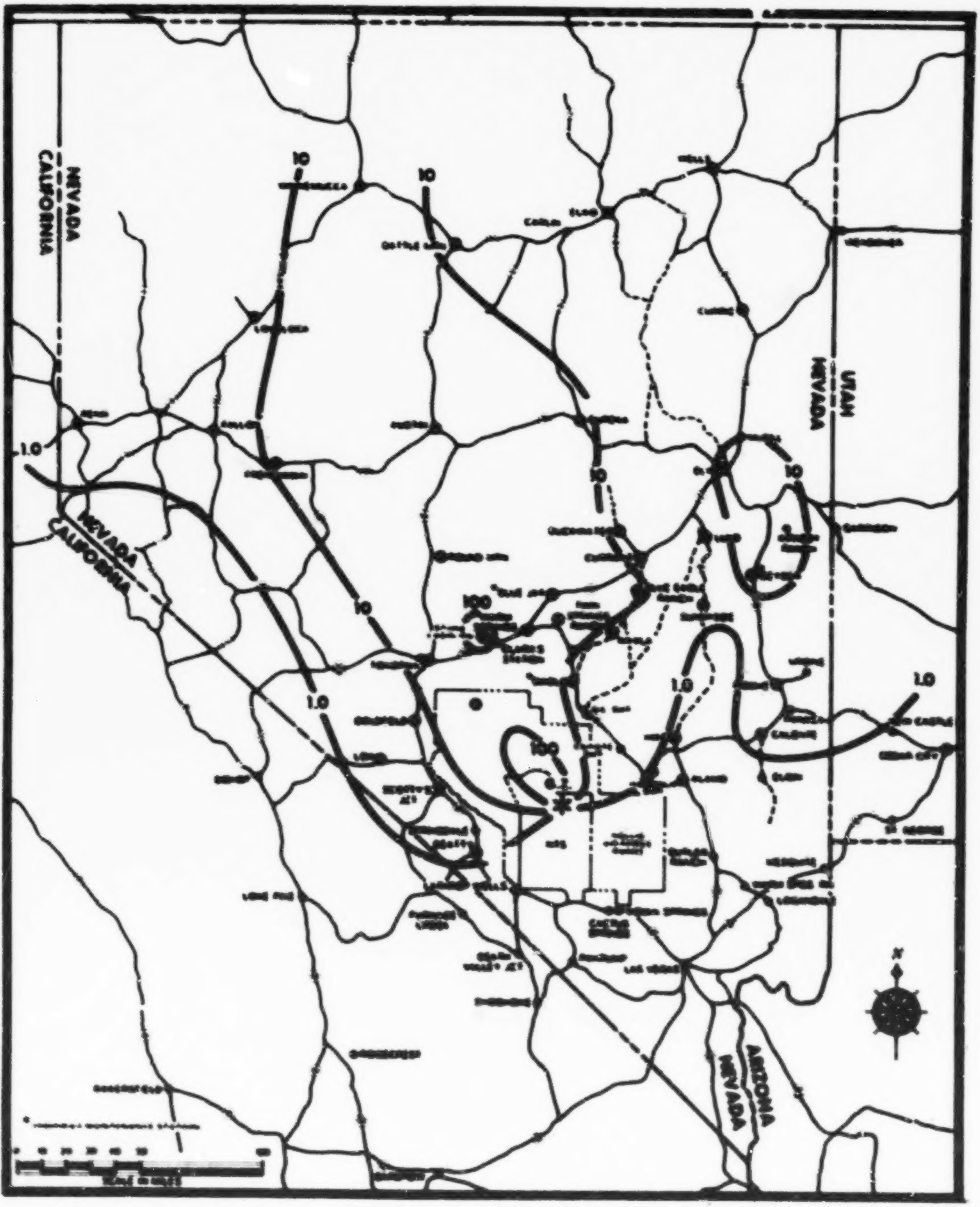


Figure 12. Distribution of Hypothetical Infant Thyroid Inhalation Doses (mrem) Within the State of Nevada.

Figure 13 presents the isopleths of the hypothetical infant thyroid inhalation dose estimates for the western United States as determined from air samples, both particulate filter and charcoal cartridge, obtained from the Air Surveillance Network. As indicated by this Figure, positive results were obtained in Nevada, California, Oregon, Washington, Idaho, Utah, Montana, Wyoming, South Dakota, Missouri, Arkansas and Texas.

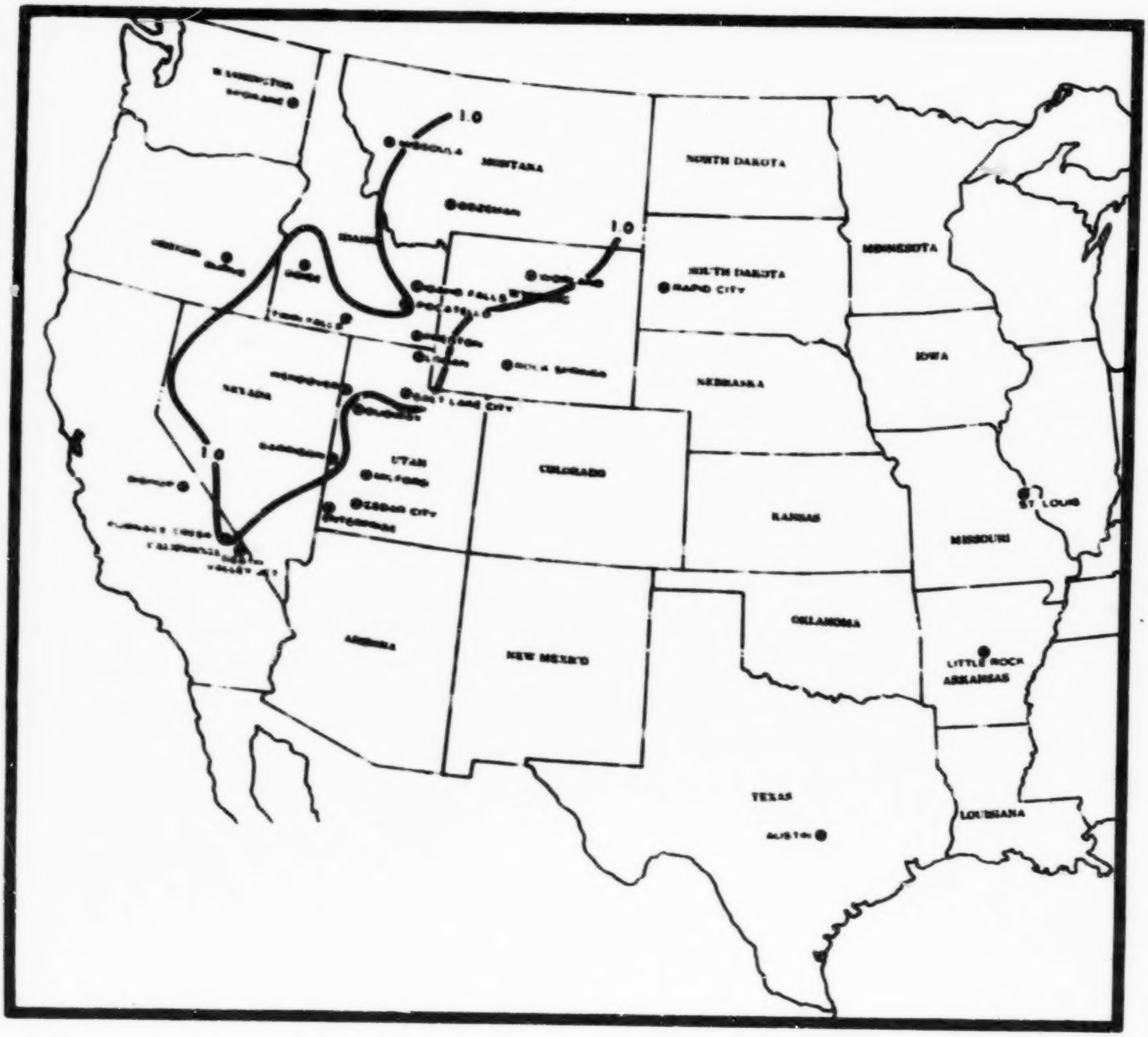


Figure 13. Distribution of Hypothetical Infant Thyroid Inhalation Doses (mrem) Outside Nevada.

Six air filters (one from the Test Range Complex) containing high concentrations of radioiodine and representative of the cloud path were analyzed for plutonium and radiostrontium. The analytical results for those samples collected beyond the Test Range Complex are shown in Table 2. The results for all filters are listed in Appendix C.

As indicated by Table 2, no ^{238}Pu or ^{90}Sr was detected in any of the air samples. Plutonium-239 was detected at Eureka, Nevada; however, its concentration was only slightly above the sensitivity of the analytical procedure, making its presence questionable. Strontium-89 was detected in each sample. This radionuclide, having a half-life of 53 days, is generally not detected in air except for several months following atmospheric tests by foreign nations. Even though a Chinese test was conducted in October 1970, the highest concentration of ^{89}Sr reported by HASL(3) (for several locations on or near the North American Continent) was 6.40×10^{-3} pCi/m^3. Since the concentrations of ^{89}Sr listed in Table 2 are considerably above this level, the ^{89}Sr is considered to be from the Baneberry Event.

Table 2. Plutonium and Strontium Results on Selected Baneberry Air Sampling Filters.

Location	Sampling Period Date/Time On Off	Radionuclide Concentration (pCi/m^3) ^{238}Pu	^{239}Pu	^{89}Sr	^{90}Sr
Blue Eagle Ranch, Nevada	18/1700 19/0935	<0.0004	<0.0001	1.0	<0.01
Duckwater, Nevada	18/0900 19/1025	<0.0004	<0.0001	1.2	<0.01
Eureka, Nevada	18/1500 19/0700	<0.0004	0.0003	1.2	<0.01
Geyser Hwy. Maint. Sta., Nevada	18/1602 19/1400	<0.0005	<0.0002	1.3	<0.01
Round Mountain, Nevada	18/1146 19/1158	<0.0003	<0.0002	1.5	<0.01

Milk Sampling

Milk, milk cow feed, and water were sampled by SWRHL monitors in Nevada and in areas bordering Nevada in Utah and California. Eleven locations, all in Nevada, were found to have both milk and cow feed containing radioiodine, except for the Larsen Ranch, near McGill, Nevada, where relatively low levels of activity were found only in the milk. These locations are generally northwest to northeast of the Test Range Complex, except at McCurdy's Ranch near Springdale, Nevada, which is to the southwest. The analytical results of all milk, water and cow feed samples are listed in Appendix C.

From the concentrations of radioiodine found in the milk at each of the eleven locations, the dose to the thyroid of a hypothetical infant receptor (2-gram thyroid) drinking one liter per day was estimated. Figure 14 shows the peak ^{131}I concentrations and estimated thyroid doses for each location in Nevada. The highest concentration detected was 810 pCi/l in a sample collected on December 26 and 27 at the McCurdy Ranch near Springdale, Nevada. The thyroid dose for a hypothetical infant receptor at this location was 260 mrem. All estimated doses at other locations were less than 50 mrem.

From a consideration of the actual milk distribution and consumption of the McCurdy milk, the estimated thyroid doses would be less than that for a hypothetical infant receptor. On December 31, the McCurdys discontinued distribution of their milk (raw and pasteurized) to local families in the Beatty and Springdale area, and only the McCurdys' children (13 and 15 years of age) continued to consume the milk. Prior to December 31, the milk (4 to 5 gal/day) was used at the ranch and sold to twelve other families. The youngest child in the other families was a two-year-old living in Beatty. On January 11, the milk from McCurdy's ranch was again distributed. Based on milk sampling results through February 3, 1971, at which time the ^{131}I concentration in the milk was below the limit of detection (10 pCi/l), the total thyroid doses estimated for the 2, 13, and 15-year-old children were 130, 50, and 40 mrem, respectively. Appendix B describes the dose calculations which were used.

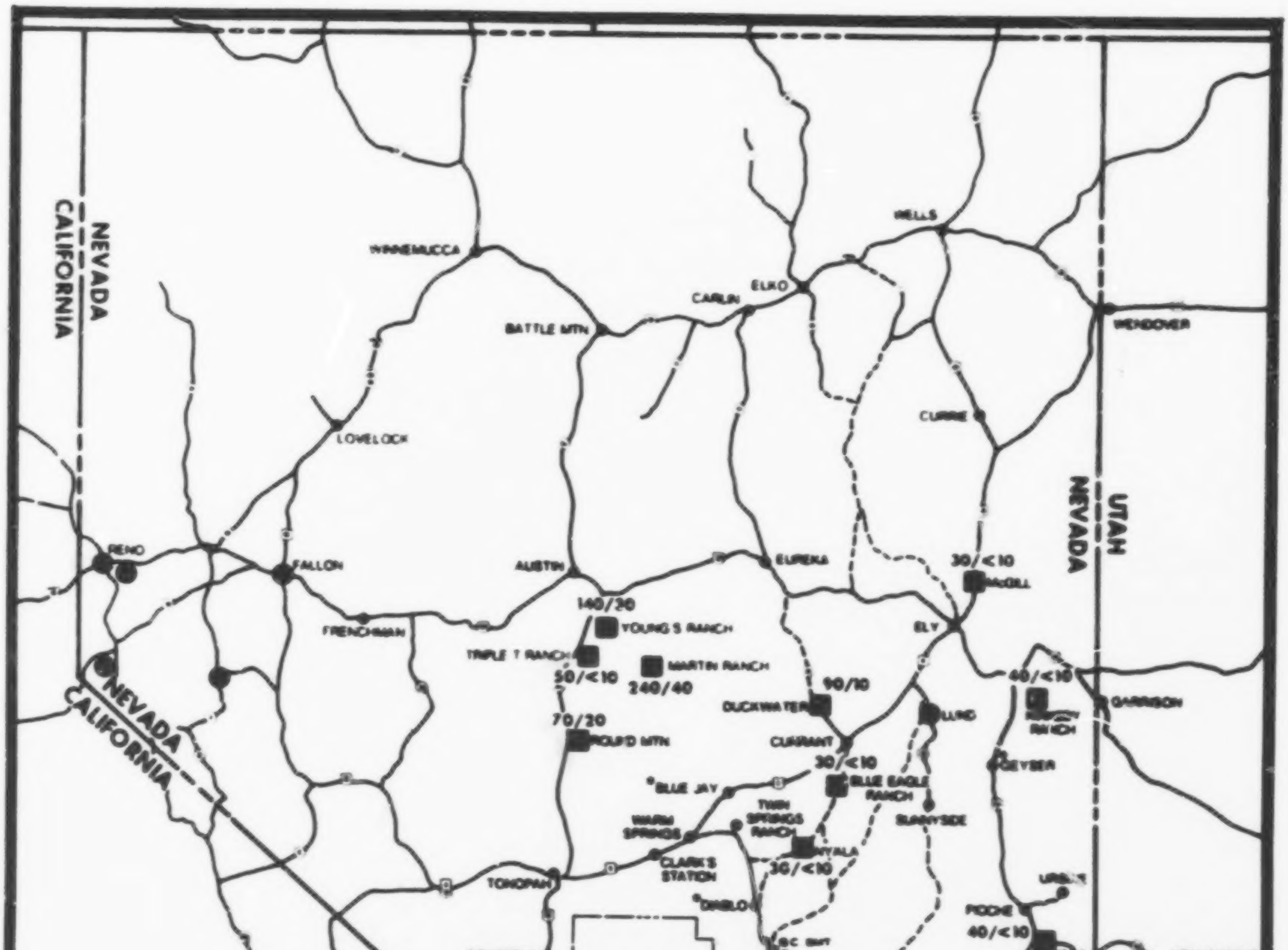


Figure 14. Peak ^{131}I in Milk and Estimated Hypothetical Infant Thyroid Dose.

SWRHL Standby Milk Surveillance Network stations were activated in the states of Colorado, Idaho, Utah, and Wyoming with partial activation in the states of Nevada and California. A total of 50 stations was contacted, and all submitted raw milk samples.

The Pasteurized Milk Network (PMN) stations at Laramie, Wyoming; Idaho Falls, Idaho; Salt Lake City, Utah; and Denver, Colorado, were also requested to send in weekly samples of pasteurized milk. Each sample was a composite of grab samples collected from dairies producing approximately 80% of the milk processed and consumed in each city.

Figure 15 shows those locations outside Nevada at which milk samples were collected and indicates the highest concentrations of ^{131}I found in the milk, with an estimate of the thyroid dose which would be received by an infant receptor drinking the milk. No radioiodine was detected in pasteurized milk samples from PMN stations; however, a raw milk sample collected on December 30 from the Laramie, Wyoming, PMN station contained 10 pCi/l ^{131}I. This sample was given a 40-minute count instead of 20 minutes, which lowered the MDA from 20 pCi/l to 10 pCi/l.

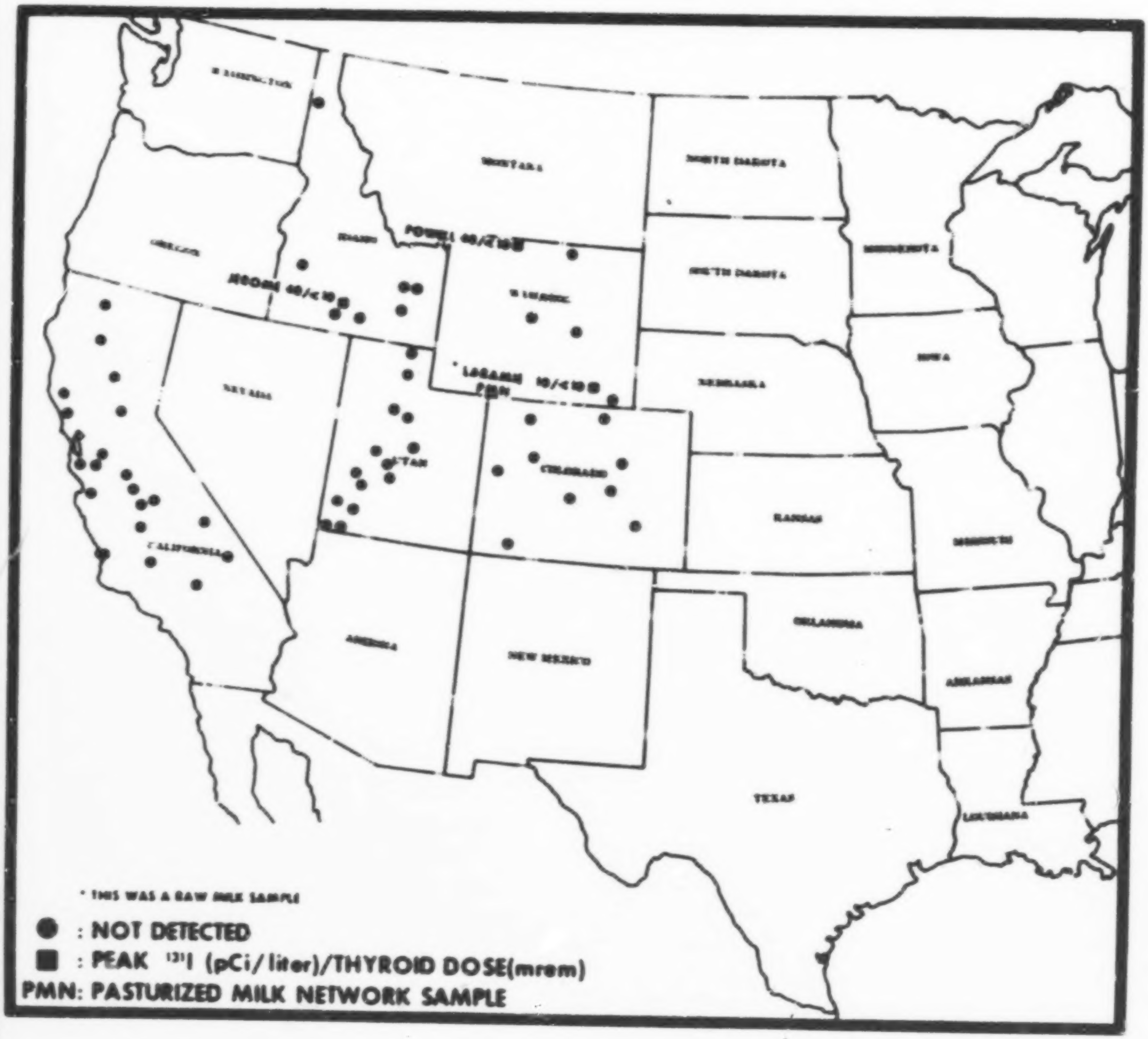


Figure 15. Radioiodine in Milk - Outside Nevada.

Milk Cow Feed Sampling

With the exception of a dairy near Lund, Nevada and ranches in the Springdale, Nevada and Beatty, Nevada area, the cows were fed a combination of hay and grain, and in some cases silage. In general, only the hay was unprotected and was the food type sampled. At Lund, which was in the area of effluent passage, the cows were fed a dairy mix stored in metal silos; therefore, radioiodine was not detected in the milk. At Springdale (McCurdy Ranch) the cows grazed on pasture and were also fed hay and grain (both covered prior to feeding) during milking.

Figure 16 is a plot of the highest feed concentration of ^{131}I (pCi/kg wet weight) at a given location versus the peak concentration of ^{131}I (pCi/l) in the milk at the same location. All concentrations shown in Figure 16 were extrapolated to time of collection, which was within two or three days after D-day, with the exception of the pasture sample at McCurdy's Ranch. Since this sample was collected twelve days later than the other samples, it was extrapolated to time of detonation to make the data more comparable. The line on the figure was derived from a least squares analysis of the data, assuming a relationship of (Highest Concentration in Feed) = k(Highest Concentration in Milk). The line represents a ratio of 9:1 for peak forage to peak milk concentrations (pCi/kg:pCi/l), which is similar to a ratio of 10:1 observed on previous events(4,5) for cows on pasture and green chop. All the values in Figure 16 resulted primarily from deposition on baled hay and/or inhalation of effluent by the cows. The only exception was the value for McCurdy's Ranch near Springdale (upper right-hand corner), which resulted from cows feeding on pasture.

At the McCurdy Ranch, four cows were allowed to graze on a pasture of 20 to 30 acres and drink from two ponds fed by several springs. Hay and grain were fed to the cows during milkings in the morning and evening. Since no activity was found in samples of the ponds and the top portion of the haystack was covered with a canvas during the effluent passage and the following heavy snowfall, the levels of radioiodine in the cows' milk were mainly attributed to the natural vegetation in the pasture. The samples of natural vegetation (rabbit bush and greasewood bush) growing beyond the meadow area surrounding the ponds contained the highest concentration of ^{131}I, 2900 pCi/kg. Hay samples obtained from different portions of the stack varied from non-detectable (under the canvas) to nearly the same ^{131}I concentrations found in the natural vegetation.

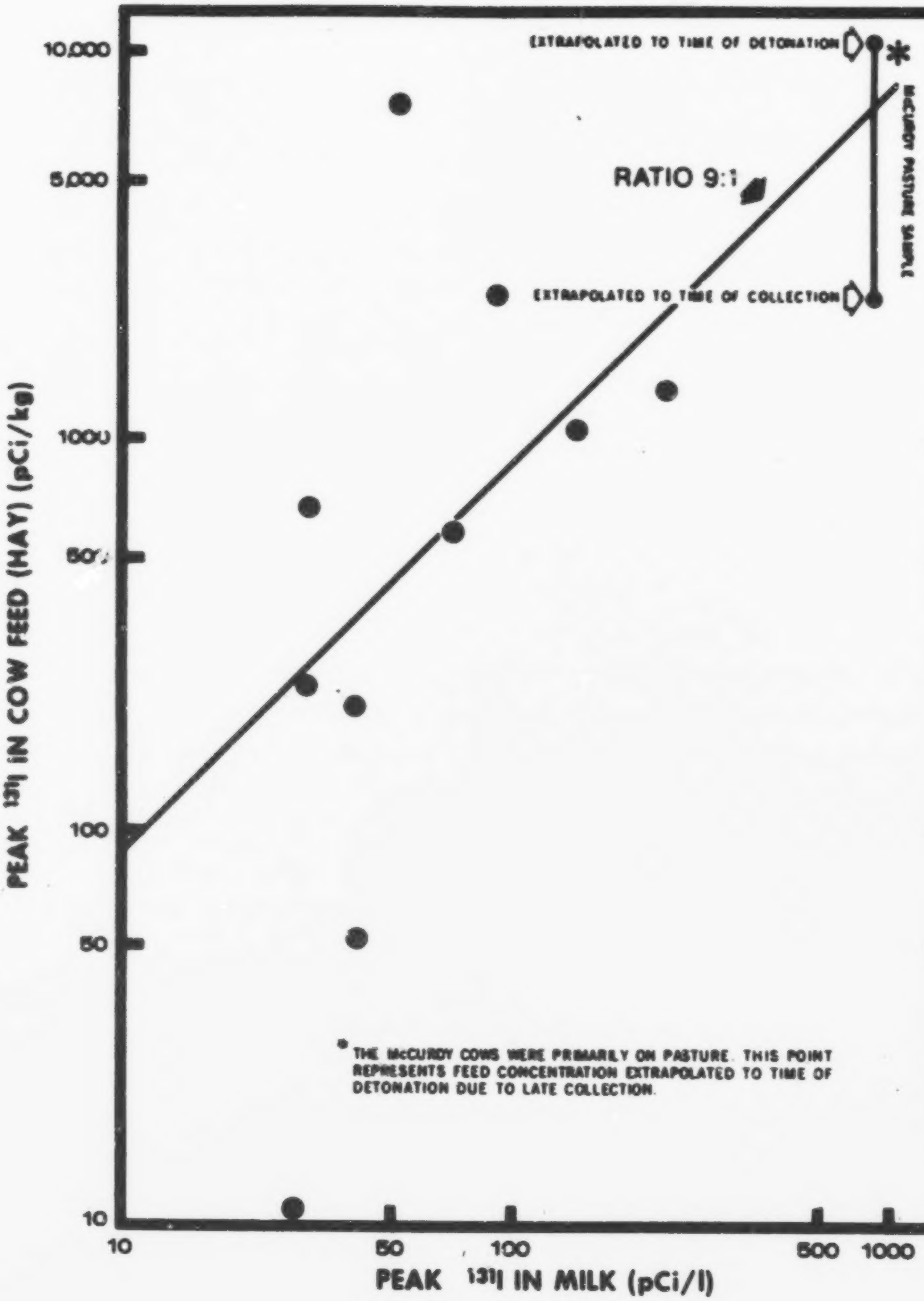


Figure 16. Peak ^{131}I in Milk versus Peak ^{131}I in Cow Feed.

Figure 17 illustrates estimated hypothetical infant thyroid doses as a function of distance from the shot location. As similarly done in Figure 11, a line representing dose inversely proportional to the square of distance is shown for reference purposes only.

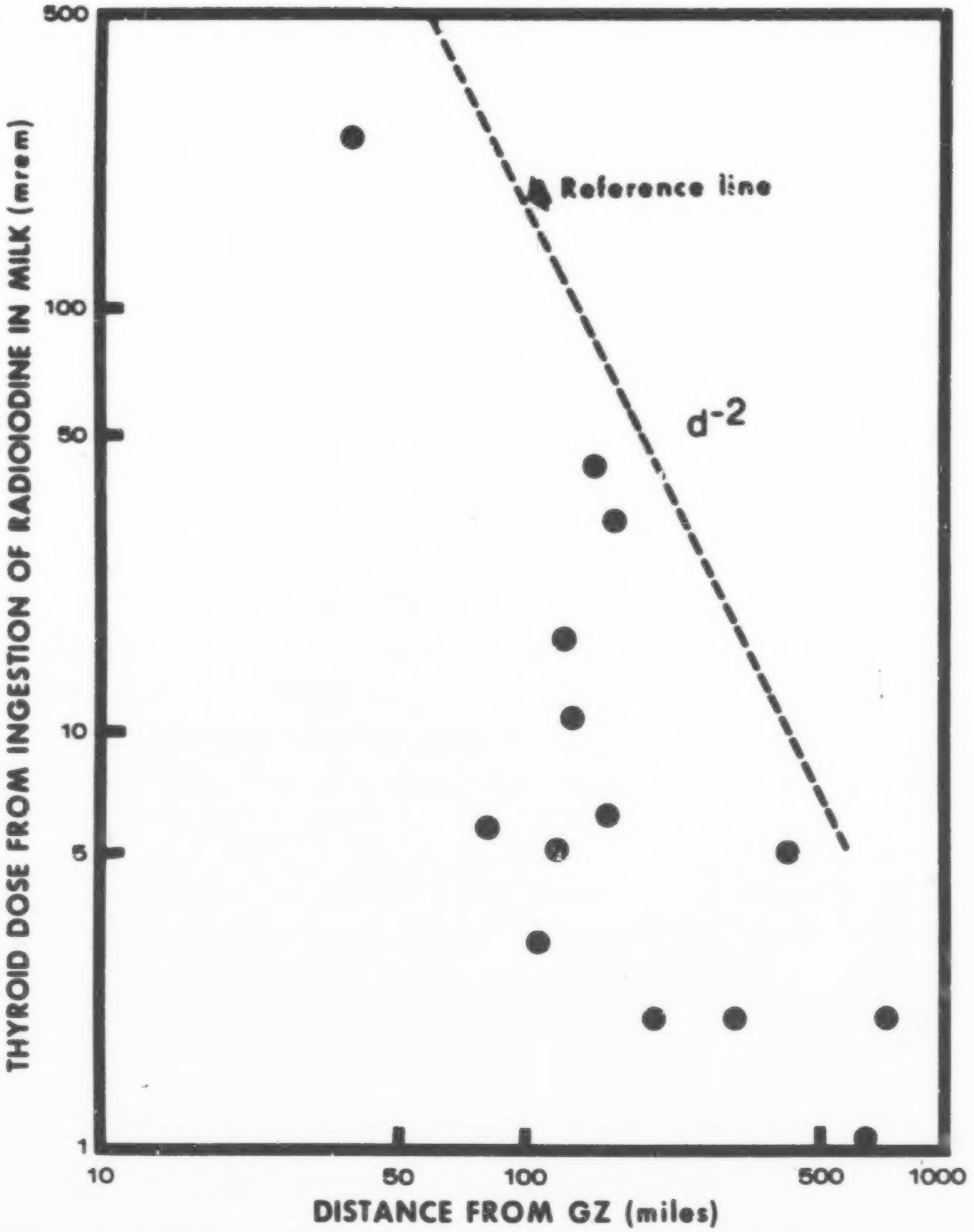


Figure 17. Estimated Hypothetical Infant Thyroid Doses as a Function of Distance.

Comparison of Ingestion Doses and Inhalation Doses

Infant thyroid ingestion doses calculated from measured milk concentrations of radioiodine (Table B-5, Appendix B) were plotted on Figure 18 against the estimated thyroid inhalation doses for the same locations. The inhalation doses were estimated from isopleth map Figure 12. A least squares line for the equation (Ingestion Dose) = k(Inhalation Dose) is shown on Figure 18, with k approximately equal to 0.7. The point for the McCurdy Ranch at Springdale (ingestion dose = 260 mrem) was excluded from the least squares calculation because of different feeding practices. Cows at other locations were on hay and/or using open stock tanks so that any radioiodine in their milk was the result of contamination of feed or water or both. Inhalation also contributed part of the doses. As discussed before, the cows at McCurdy's Ranch were on pasture.

The fact that estimated inhalation and ingestion doses at other locations were nearly equal, with inhalation doses even exceeding ingestion doses at some locations, is attributable to the use of hay. Any other conclusion drawn from the Figure is subject to several qualifications, among which are the following: (1) inaccuracies are introduced by the lack of air sampling data at locations with positive milk results; (2) minor differences in feeding practices cause significant variations in the estimated ingestion doses.

From the dose calculations, ^{131}I was the predominant contributor to ingestion dose, but was responsible for only about one-fifth of the inhalation dose at most locations.

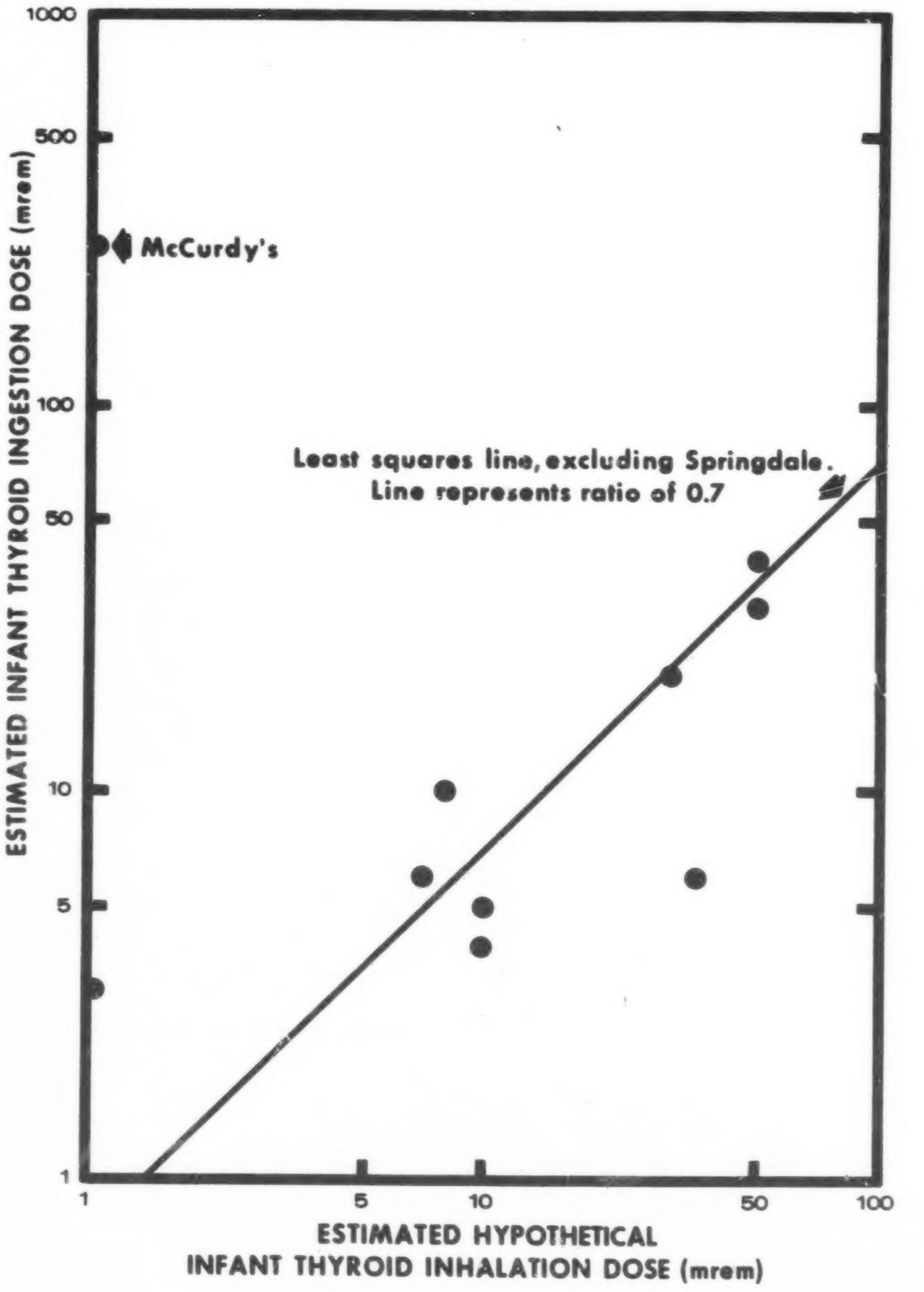
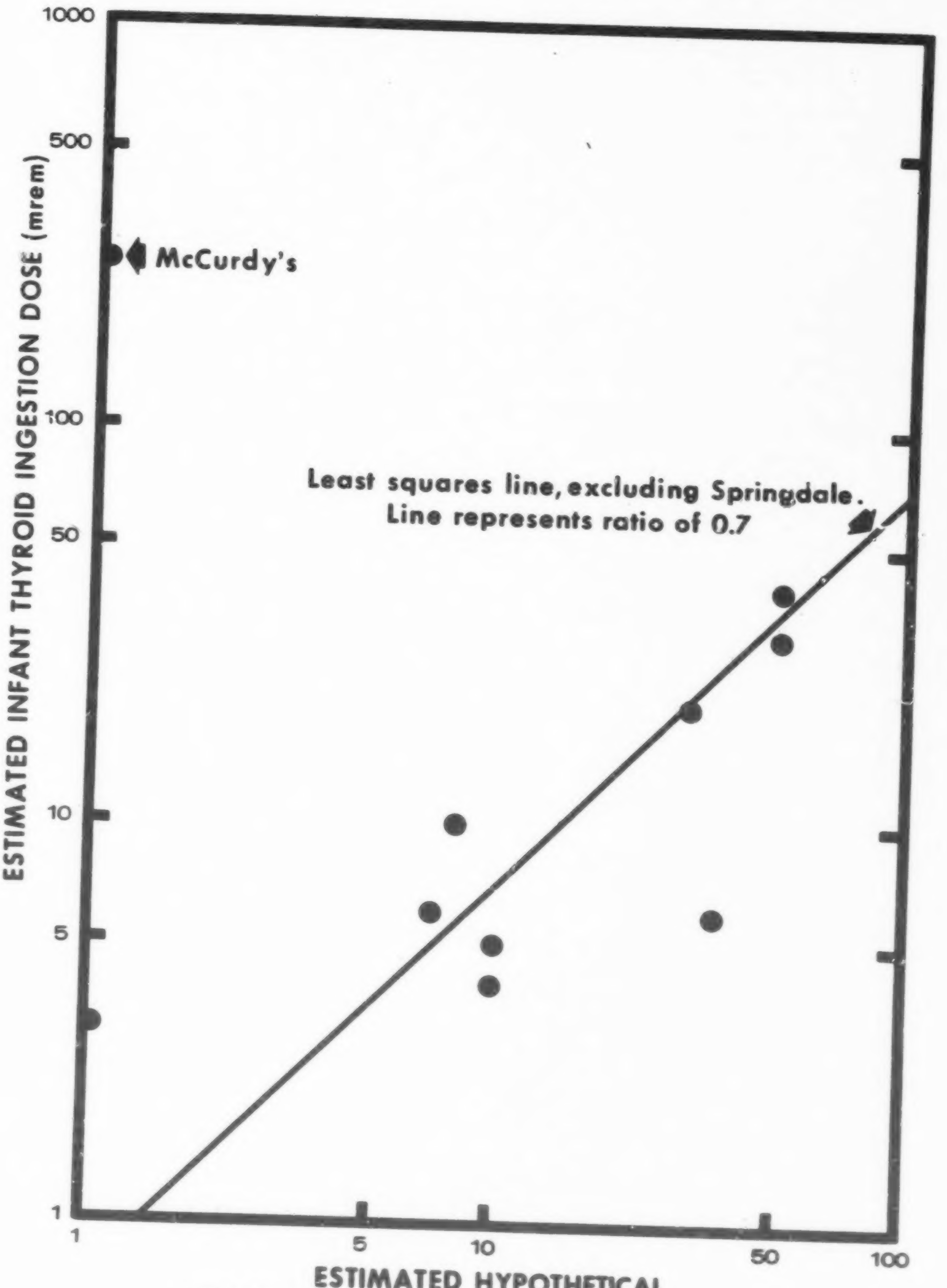


Figure 18. Estimated Hypothetical Infant Thyroid Ingestion Doses versus Inhalation Doses.

Water Sampling

Water samples were obtained by SWRHL monitors from 29 locations in Nevada, Utah, and California. These samples were collected at all locations where milk samples were collected, from household tap water at eight ranches in Nevada and at selected open bodies of water. Figure 19 shows the locations in Nevada from which water was collected. The six samples containing radioiodine were from open water sources or stock tanks located north and northeast of the Test Range Complex. Five were in Nevada, and one, not shown in the Figure, was in Utah. The samples with the highest concentration of ^{131}I (78 pCi/l) was collected from a pond at Reed Ranch (uninhabited) located near the northern boundary of the Test Range Complex.



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Water samples were obtained by SWRHL monitors from 29 locations in Nevada, Utah, and California. These samples were collected at all locations where milk samples were collected, from household tap water at eight ranches in Nevada and at selected open bodies of water. Figure 19 shows the locations in Nevada from which water was collected. The six samples containing radioiodine were from open water sources or stock tanks located north and northeast of the Test Range Complex. Five were in Nevada, and one, not shown in the Figure, was in Utah. The samples with the highest concentration of ^{131}I (78 pCi/l) was collected from a pond at Reed Ranch (uninhabited) located near the northern boundary of the Test Range Complex.

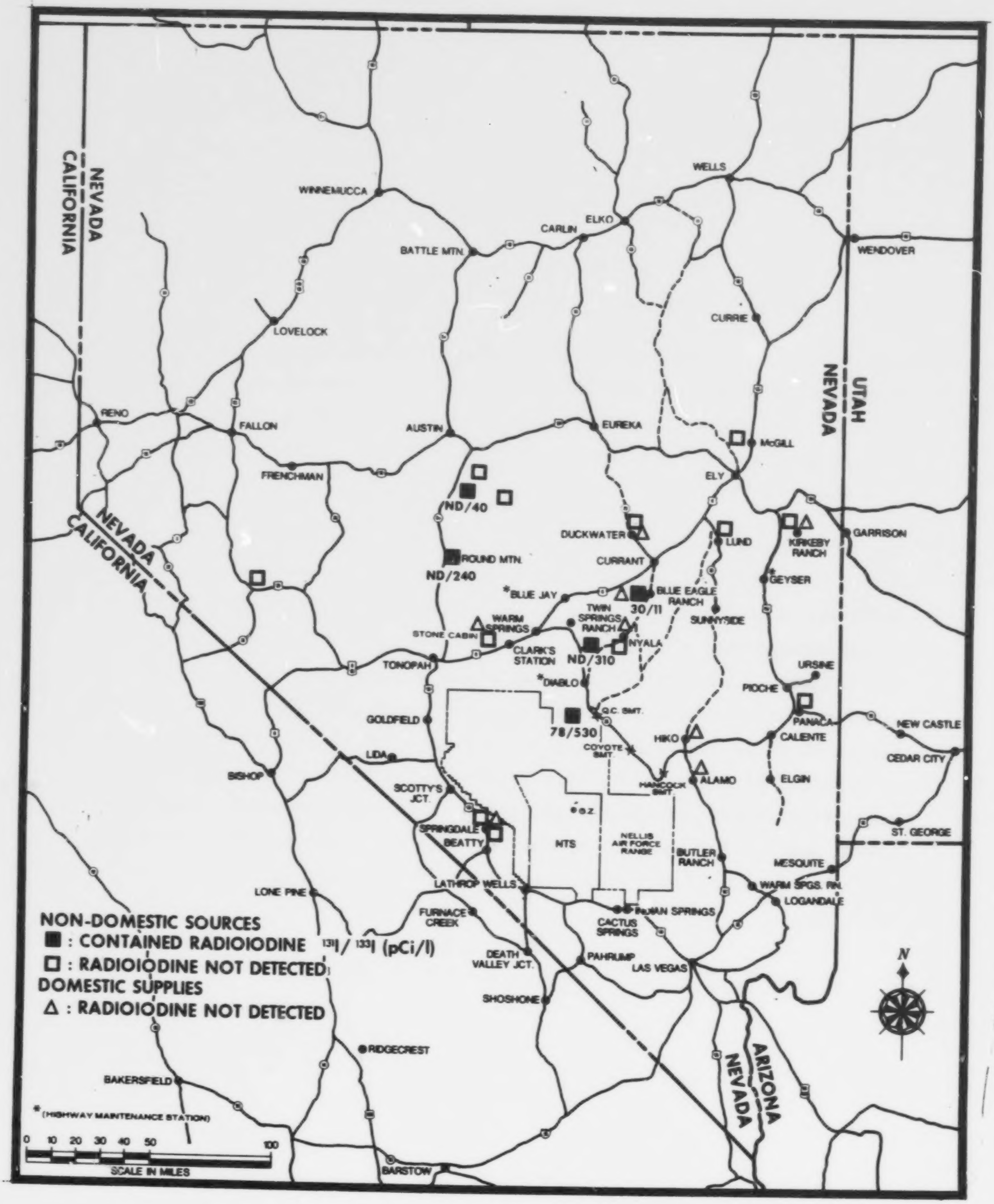

Figure 19. Water Sampling - Nevada.

Natural Vegetation Sampling

Samples of natural vegetation were collected along highways and at populated locations to define the extent of radioactive deposition resulting from the release. The vegetation samples were collected at locations surrounding the Test Range Complex in California, Nevada, and at locations in Utah running from Ogden to St. George.

The gross gamma analytical results (cpm/kg wet weight) of all vegetation samples are listed in Appendix C. Since the samples were collected at different times, each activity concentration was extrapolated to H+24 hours in accordance with a $t^{-1.2}$ decay. Since the vegetation samples were all counted within 10 days after the event, this decay is consistent with the decay scheme of ground deposited activity based upon Figure A-1, Appendix A. Figure 20 shows isopleths for these extrapolated concentrations on a map of Nevada. As indicated by this Figure, radioactivity was deposited on vegetation within a sector of about 270° from south-southwest through west, north, and east of the Test Range Complex. The highest extrapolated concentrations of activity were found about 90 miles due north of the test location.

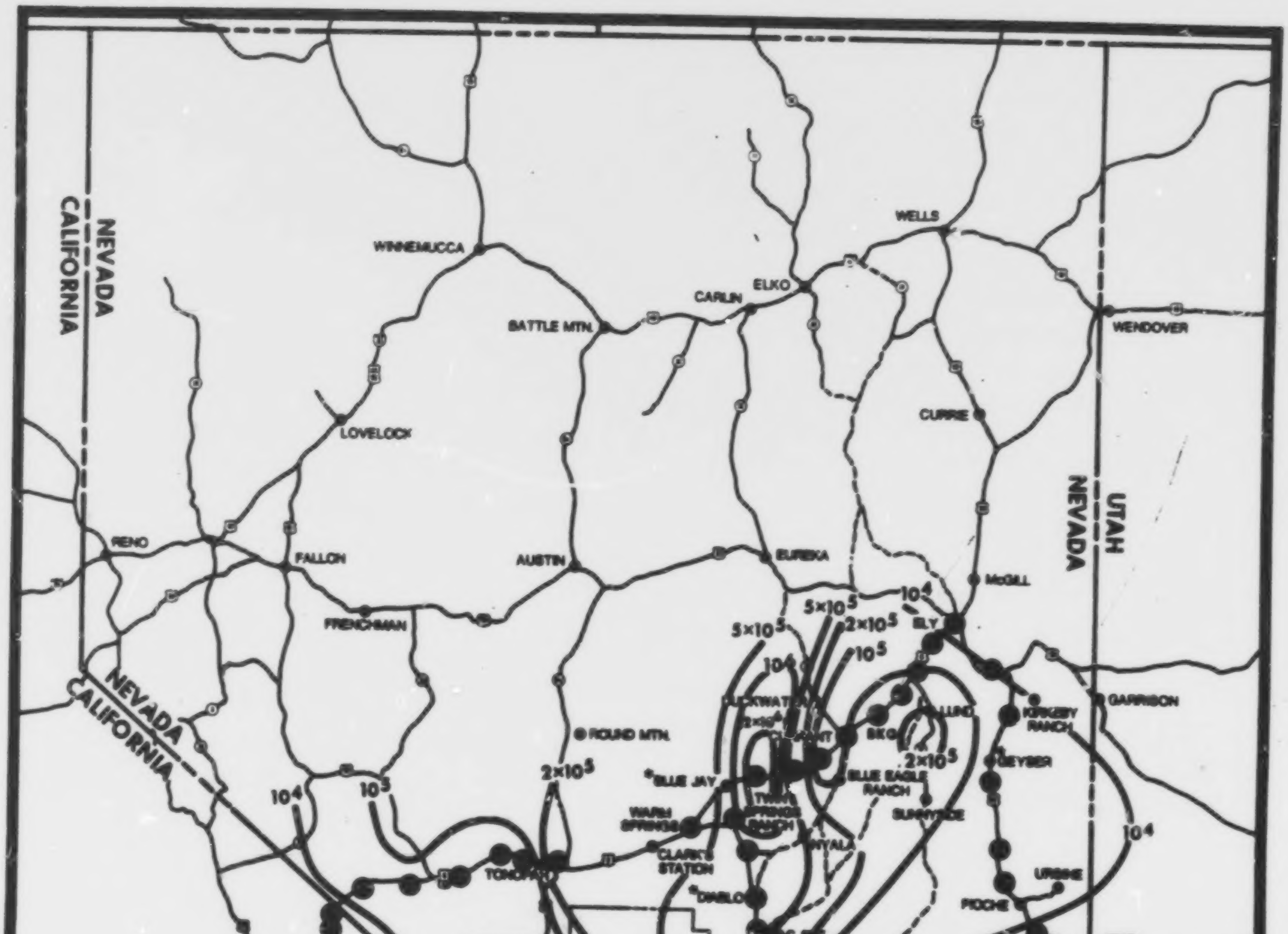

Figure 20. Vegetation Sampling Results (gross gamma cpm/kg) - Nevada.

Precipitation Sampling

During and following the Baneberry Event, most of the western States experienced snow showers. Snow samples were collected at locations surrounding the northern half of the Test Range Complex in central Nevada and at various locations in California, Utah, Colorado, Idaho, Wyoming, Minnesota, North and South Dakota, Montana, and Arizona. Whenever possible, snow was collected at the same locations at which samples of natural vegetation or milk were collected, including the Standby Milk Surveillance Network Stations. Exceptions were snow samples collected from cities in North and South Dakota and Minnesota. These samples were collected from municipal airports visited by SWRHL personnel on December 24, 1970. Fresh fission products detected were various combinations of ^{131}I, ^{133}I, ^{135}I and ^{132}Te. No fresh fission products were detected in snow from South Dakota, Montana, Arizona, and Colorado.

Since the majority of the samples contained ^{132}Te and the samples were collected over a wide range of time, each sample concentration of ^{132}Te was extrapolated to H+60 hours. Figure 21 shows isopleths for these extrapolated concentrations within Nevada. The highest level of radioactivity found in any sample was collected at the Blue Jay Highway Maintenance Station, north of the Test Range Complex. Concentrations of radioactivity in the melted snow at this location were 1.9×10^6 pCi/l ^{132}Te, 3.2×10^5 pCi/l ^{131}I, and 2.2×10^6 pCi/l ^{133}I. The results of all samples are listed in Appendix D. Snowfall records indicated that the radioactivity in the samples at the Blue Jay Highway Maintenance Station resulted from snow-out instead of deposition on snow already deposited on the ground. Records for all other locations north of the test site indicate that radioactivity was deposited on the surface of the snow (see Appendix B).

After the environmental sampling phase of Baneberry, it was learned that eight sheepherders, working in the area shown on Figure 21 as a shaded area south of Eureka, were using melted snow as a source of drinking and cooking water. Other herders may have ingested snow from other areas where the deposition was less. Based on environmental sampling results, information obtained from the sheepherders on their location and water consumption, and snowfall records, a reasonable estimate of their thryoid dose is 0.5 rem, plus or minus a factor of three*. The factor of three is based on alack of detailed information concerning the geographical distribution of the fallout in the area, the effect of dilution of the activity due to new snowfall, and the distribution of radioactivity with the depth of snow on the ground. Appendix B discusses the assumptions used in the dose estimate.

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*An expected value of 0.5 rem within a range of 0.17 rem to 1.5 rem.

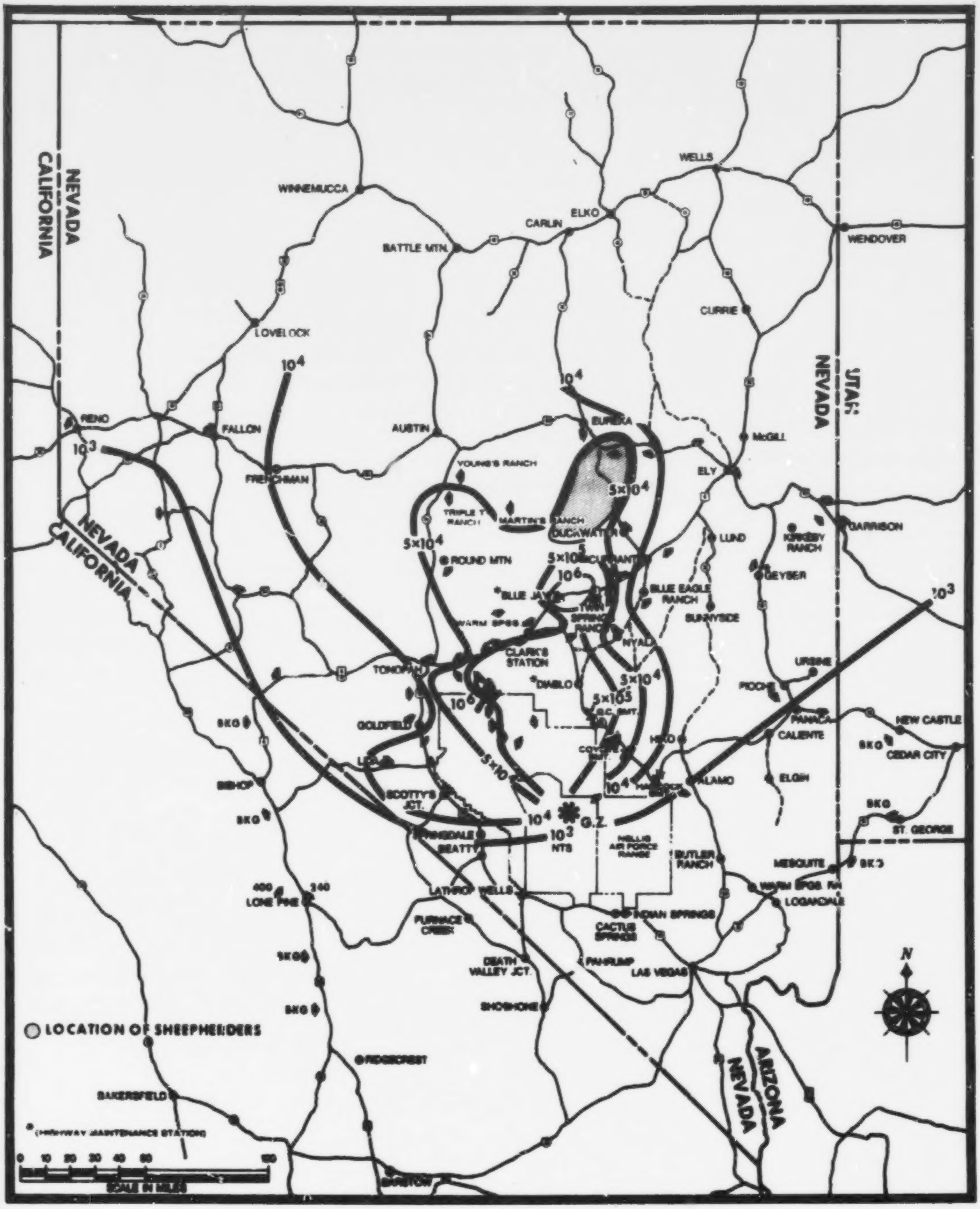


Figure 21. ^{132}Te Concentration (pCi/l) in Precipitation Samples - Nevada.

Figure 22 shows isopleths of the extrapolated ^{132}Te concentrations for snow sampling locations within the western United States. As shown by this figure, activity was deposited with or on the snow throughout Nevada and to the northeast as far as North Dakota and Minnesota.

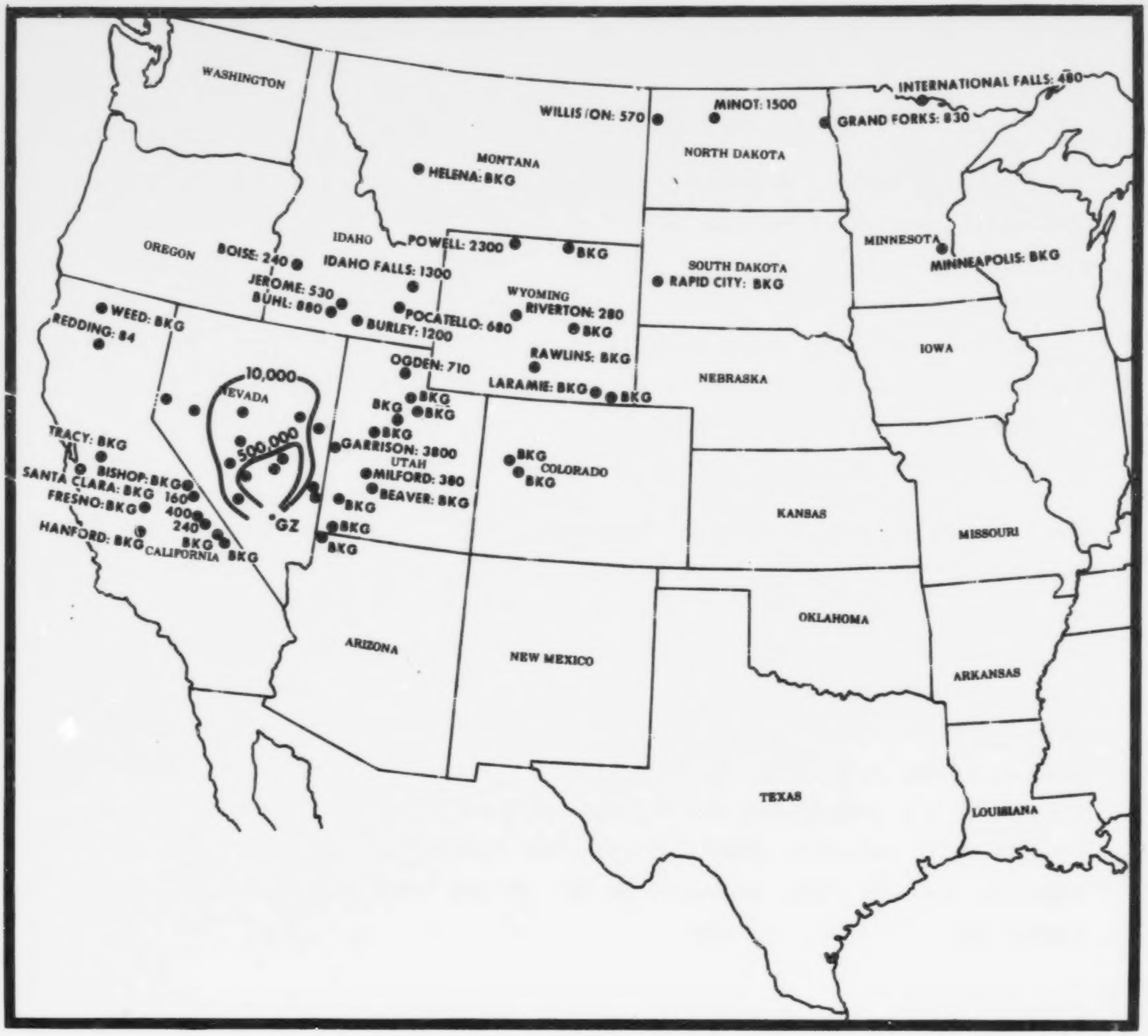


Figure 22. ^{132}Te Concentration (pCi/l) in Precipitation Samples - Outside Nevada.

Twenty-six precipitation samples having high concentrations of radioiodine were selected and analyzed for ^{3}H. Twenty-four of these samples were collected outside the Test Range Complex, two were collected on-site. Ten of the off-site samples were additionally analyzed for plutonium and radiostrontium. For the purpose of establishing background levels, a rain sample collected at Las Vegas on December 21 was analyzed for tritium, and three snow samples collected at Kyle Canyon on Mt. Charleston in March 1971 were analyzed for ^{3}H, ^{238}Pu, and ^{239}Pu.

The results for those Baneberry samples collected beyond the Test Range Complex and for the background samples are shown in Table 3. All results are listed in Appendix C. As shown by Table 3, ^{3}H, ^{89}Sr, ^{238}Pu, and ^{239}Pu were found at levels which are attributed to the Baneberry Event. The concentrations of ^{3}H, ^{238}Pu, and ^{239}Pu were higher in the Baneberry samples than in the background samples, which agreed with other published data(6,7). Because of its relatively short half-life (53 days) and infrequent introduction in the atmosphere, the concentration of ^{89}Sr in air and precipitation is quite variable, depending upon the incidence of foreign atmospheric testing. However, its presence with the ^{3}H and ^{239}Pu infers that its source was the Baneberry Event.

Table 3. Tritium, Strontium, and Plutonium Concentrations in Selected Precipitation Samples.

Location	Collected Time/Date	Radionuclide Concentration (pCi/l) ^{3}H	^{89}Sr	^{90}Sr	^{238}Pu	^{239}Pu
Clark Station, Nev. - Stone Cabin Ranch	1055-12/19/70	21,000	770	<10	<0.1	0.6
	11[illegible]5-12/19/70	12,000	NA	NA	NA	NA
Tonopah, Nev-10 mi.S.Jct.Hwy 6&TTR Turn-Off	1020-12/19/70	13,000	130	<10	<0.2	1.0
Tonopah, Nev-15 mi.S.Jct.Hwy 6&TTR Turn-Off	1033-12/19/70	5800	110	<10	0.4	2.6
Warm Springs, Nevada	1240-12/20/70	4500	110	<10	<0.2	0.9
Blue Jay Hwy Maint. Station, Nevada	1240-12/19/70	3400	140	<10	0.4	3.2
Warm Springs, Nev.- Twin Springs Ranch	1130-12/19/70	1800	75	<10	0.4	5.0
Currant, Nev. - 30 mi. S. W. on Hwy 6	1430-12/20/70	1800	180	<10	0.1	3.3
Queen City Summit, Nev.-2 mi. E. on Hwy 25	1330-12/19/70	710	160	<10	1.0	5.6
Coyote Summit, New-Valley Rd Turn-Off, Hwy 25	1410-12/19/70	<400	30	<10	2.0	6.0
Austin, Nevada	1445-12/19/70	9500	NA	NA	NA	NA
Clark Station, Nev.- 7 mi. E. on Hwy 6	1127-12/19/70	4800	NA	NA	NA	NA
Tonopah, Nevada	0740-12/19/70	3400	NA	NA	NA	NA
Ely, Nev. - 57 mi. E. on Hwy 6	1030-12/19/70	2000	NA	NA	NA	NA
Baker, Nev. - 0.5 mi. S. on Hwy 73	1048-12/19/70	1900	NA	NA	NA	NA
Eureka, Nev. - 5 mi. E. on Hwy 50	1145-12/19/70	1500	NA	NA	NA	NA
Goldfield, Nevada	0900-12/19/70	1200	NA	NA	NA	NA
Coyote Summit, Nev. - Koyne's Mill	1400-12/19/70	960	NA	NA	NA	NA
Alamo, Nev. - Stewart Dairy	1105-12/19/70	810	NA	NA	NA	NA
Garrison, Utah	1120-12/19/70	710	NA	NA	NA	NA
Eureka, Nev. - 24 mi. E. on Hwy 50	1045-12/19/70	690	NA	NA	NA	NA
Eastgate, Nev. - Middlegate Ranch	1330-12/19/70	650	NA	NA	NA	NA
Pioche, Nevada	1220-12/19/70	650	NA	NA	NA	NA
Currant, Nev. - Currant Summit Hwy 6	0935-12/19/70	450	NA	NA	NA	NA
Las Vegas, Nevada	1600-12/21/70	<400	NA	NA	NA	NA
Kyle Canyon, Nev. - Ranger Station	0955-3/23/71	<400	NA	NA	<0.01	0.03
Kyle Canyon, Nev. - Fire Station	0945-3/23/71	<400	NA	NA	<0.02	0.01
Kyle Canyon, Nev. - Lodge	0925-3/23/71	<400	NA	NA	<0.02	0.03

NA = Not Analyzed

Whole-Body Counting

Five personnel who served on the SWRHL aircrew for aerial tracking and sampling of the Baneberry release were counted in the SWRHL whole-body counter. Two of these individuals were counted on the day of the event, at which time the ^{133}I and ^{135}I thyroid burdens were determined. Subsequent measurements of one of these individuals yielded an extrapolated ^{131}I burden of 200 pCi at time of count. The dose to the thyroid from ^{131}I, ^{133}I, and ^{135}I for this individual was estimated to be less than 50 mrem. The other three aircrew members were counted on December 21-23, 1970, but no activity was detected. Considering the sensitivity of the counting (page 96), all doses to the thyroids of the five individuals were estimated to be less than 50 mrem.

Two off-site monitors, who were in the area of Baneberry effluent passage, were whole-body counted on December 21 and one on December 23. These monitors were all on Highway 25 at the following locations: (1) 2 miles east of the Nye-Lincoln County line, (2) about half way between Queen City Summit and Coyote Summit, (3) Diablo Highway Maintenance Station. The monitor located between Queen City and Coyote Summit was mobile in the effluent while the others were stationary. All three were present at cloud arrival (about 1300 hours) and departed about 2000 hours. None of the three showed body burdens of Baneberry radionuclides.

Mrs. McCurdy and her thirteen-year-old son were whole-body counted on January 16, 1971. No activity was conclusively detected in either individual. From the minimum sensitivity of the whole-body counter for ^{131}I and from the analytical results of the milk samples, the highest estimated thyroid dose that either individual could have received from ^{131}I was less than 10 mrem. The methods used for the above dose estimates are described in Appendix B.

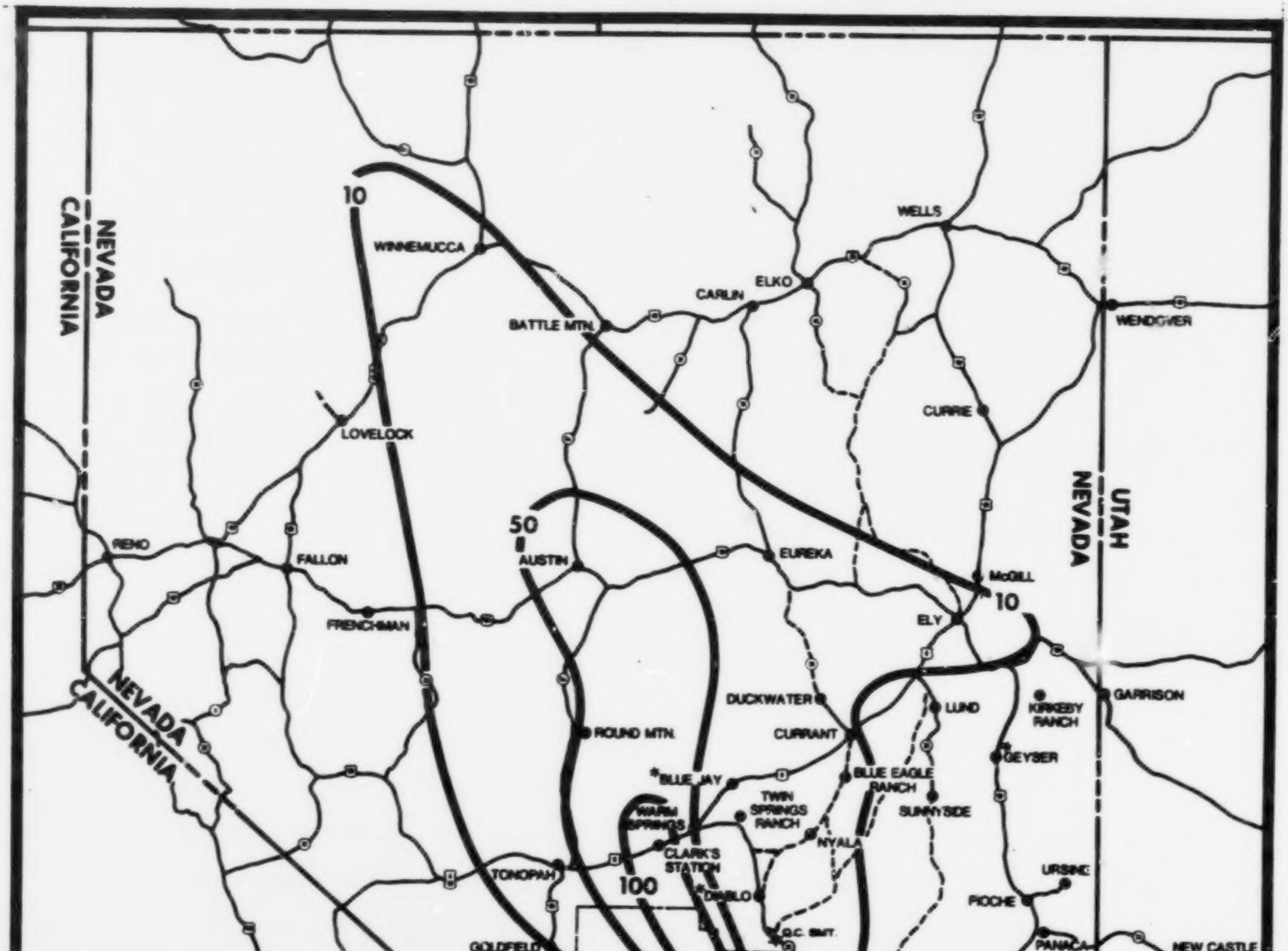
DISCUSSION AND CONCLUSIONS

Radiological analyses of environmental samples collected beyond the Test Range Complex following Baneberry detected levels of radioiodine, tritium, plutonium, and radiostrontium which could be attributed to the passage of the effluent. Evaluation of the radioactivity concentrations and measurements of external gamma radiation levels indicate that the radiation exposures to off-site residents were within the radiation protection standards of the AEC Manual, Chapter 0524.(8)

Figure 23 presents the estimated distribution of total doses to the thyroids of hypothetical infant receptors within the state of Nevada. The total thyroid doses represented by the isopleths are a summation of doses from external gamma radiation exposures, the ingestion of milk containing radioiodine, and the inhalation of airborne radioiodine. The Figure was prepared by combining the information from Figures 9, 12, and 14. The external gamma exposures in mR in Figure 9 were conservatively taken to be equal to thyroid doses in mrem for the purpose of this Figure. As shown by Figure 23, the total thyroid doses were below 0.5 rem, the radiation protection standard for thyroid doses to a representative population sample.(8)

The highest estimated thyroid dose was for the sheepherders who were working in the area south of Eureka, Nevada, and using melted snow containing radioiodine from Baneberry for drinking and cooking. Although samples of melted snow used by the herders were not collected, inferential evidence from samples taken around the area of the herders, local climatological records and statements of the herders support a thyroid dose estimate of 0.5 rem ± a factor of 3, which is within the radiation protection standard of 1.5 rem for individuals within the general population.(8)

Although ^{89}Sr and ^{239}Pu were detected on selected air filters, the concentrations were below the annual average Concentration Guides for a representative population sample. These guides are 100 pCi/m^3 for ^{89}Sr and 0.02 pCi/m^3 for ^{239}Pu.(8) The concentrations of ^3H, ^{89}Sr, ^{238}Pu, and ^{239}Pu in the precipitation samples were also below the Concentration Guides for drinking water for a representative population sample; 10^6 pCi/l for ^3H, 1000 pCi/l for ^{89}Sr, and 1700 pCi/l for ^{239}Pu or ^{238}Pu.



HYPOTHETICAL INFANT THYROID DOSE WAS 260 mrem, ESTIMATED THYROID DOSE TO THE YOUNGEST CHILD CONSUMING THE McCURDY MILK WAS 130 mrem.

Figure 23. Distribution of Total Estimated Infant Thyroid Dose (mrem) in Nevada.

REFERENCES

1. "Technical Discussions of Off-Site Safety Programs for Underground Nuclear Detonations," NVO-40 Revision No.2, 1969. National Technical Information Service, U.S. Department of Commerce, Springfield, VA 22151.

2. "Interim Report of Off-Site Surveillance for the Baneberry Event." Southwestern Radiological Health Laboratory, Environmental Protection Agency, Las Vegas, Nevada, January 13, 1971 (revised May 10, 1971).

3. Hardy, E. P. "Health and Safety Laboratory, Fallout Program Quarterly Summary Report," HASL-245, United States Atomic Energy Commission. National Technical Information Service, U.S. Dept. of Commerce, Springfield, VA. 22151. October 1, 1971. p. C-38.

4. Barth, D. S. et al. "Dairy Farm Radioiodine Studies Following the Pin Stripe Event of April 25, 1966," SWRHL-41r, Southwestern Radiological Health Laboratory, Dept. HEW, Las Vegas, Nevada.

5. Bernhardt, D. E. "Milk to Air Ratios for Iodine-131 Concentrations (Project Rover)," Environmental Surveillance in the Vicinity of Nuclear Facilities edited by W. C. Reinig, Charles C. Thomas, Publisher, 1970.

6. "Tritium Surveillance Systems, July-December 1970." Radiological Health Data and Reports, Superintendent of Documents, Government Printing Office, Washington, D.C. 20402. Volume 12, Number 5, May 1971. p. 276.

7. "Plutonium in Airborne Particulates and Precipitation, January-March, 1968." Radiological Health Data and Reports, Superintendent of Documents, Government Printing Office, Washington, D.C. 20402. Volume 9, No. 12, December 1968. p. 763.

8. "Standards for Radiation Protection," AEC Manual Chapter 0524. United States Atomic Energy Commission, Washington, D.C. 20545. February 4, 1969.

APPENDICES

Page
LIST OF FIGURES 58
LIST OF TABLES 58
APPENDIX A EXTERNAL GAMMA EXPOSURES 59
  Calculation Methods 59
  External Whole-Body Exposures 66
  References 82
APPENDIX B DOSE ESTIMATES 83
  Calculation of Thyroid Dose Equivalent 83
  Dose from Ingestion of Milk Containing Radioiodine 90
  Dose from Ingestion of Snow Containing Radioiodine 93
  Dose Estimates by Whole-Body Counting 96
  References 99
APPENDIX C ENVIRONMENTAL SAMPLING RESULTS 100
Printout Page
  Milk 1
  Water 53
  Precipitation 68
  Air 86
  Food Crops 145
  Cow Feed 145
  Vegetation 157

LIST OF FIGURES

Figure Page
A-1 Relative External Gamma Exposure Rates Computed from Baneberry Environmental Samples. 61
A-2 External Gamma Field Integration Factor Curve 62
A-3 Exposure Rate vs Time, Clark Station 63
A-4 Exposure Rate vs Time, Hwy 25, Stake #25 Ny 2 64
A-5 Percent Infinity Exposure vs Time 65
A-6 Routine Dosimetry Stations 69
A-7 TLD Arc on Highway 25, One Day Exposure 12/18/70, Baneberry 70
B-1 Estimated and Measured Thyroid Burdens of ^{131}I 93
B-2 Estimated and Scaled Thyroid Doses for an Adult 98

LIST OF TABLES

Table Page
A-1 External Gamma Exposure Estimates 71
A-2 Personnel TLD Results, December 1970 79
B-1 Adult Thyroid Dose Factors for Time-Integrated Concentrations of Radioiodines in Air 84
B-2 Time-Integrated Concentrations of Radioiodines in Air and Estimated Thyroid Doses 87
B-3 Child Dose Factors for Time-Integrated Concentrations of Radioiodines in Milk 91
B-4 Adult Dose Factors for Time-Integrated Concentrations of Radioiodines in Milk 91
B-5 Estimated Thyroid Doses from Milk Ingestion 92

APPENDIX A

EXTERNAL GAMMA EXPOSURES

Calculation Methods

External gamma exposure rates were integrated to infinity using a decay scheme determined from analysis of environmental samples. Vegetation samples and an aircraft cloud sample collected at H+3 hours were used to estimate the relative concentrations of radionuclides deposited on the ground surface. From the estimated deposition, the fractional contribution of each radionuclide to the external gamma field was estimated using exposure rate factors determined by Crocker, et al.(1) for various radionuclides deposited uniformly on an infinite plane. Using the half-lives of the contributing gamma-emitting radionuclides and assuming no dispersal of deposited radionuclides through weathering action, the decay of the external gamma field from radioactive decay alone was estimated. The results of this calculation are shown by Figure A-1, a curve of external gamma exposure rate versus time at a hypothetical location where the external gamma exposure rate at H+30 hours was 1 R/h.

The decay scheme also allowed the calculation of an integration factor to convert a residual external gamma exposure rate at a given time to the infinity exposure which would be produced by that residual rate. The results of this calculation are given in Figure A-2, a graph of the infinity exposure conversion factor versus time. Figure A-2 also compares the integration factor curve calculated from environmental samples to the integration factor resulting from an assumed decay proportional to $t^{-1.2}$.

Comparison of projected residual external exposure rates with actual measurements at the few locations where this was possible indicated agreement within less than 20% over the period 30 hours to 96 hours, which is within the accuracy of the E-500B survey meters used to measure residual activity in the off-site area. Figures A-3 and A-4 show a combination of measured and calculated exposure rates plotted as a function of time. Figure A-3 shows the actual cloud passage exposure rates and the projected decay of deposited activity at Clark Station. This curve was used to represent the western half of the cloud. Figure A-4 represents the eastern half of the cloud with data from Highway 25 near Queen City Summit. Both curves were integrated graphically, and the normalized integrals were plotted as a function of time in Figure A-5. The percent of the infinity exposure measured by a TLD was determined from Figure A-5 by knowing the length of the TLD measurement period. An infinity exposure estimate was then calculated by dividing the TLD reading by this percentage.

To obtain an infinity exposure estimate from ratemeter data, all such data from a given location were plotted versus time. The plot was integrated graphically to obtain the exposure during the monitoring interval (Column seven in Table A-1). The residual exposure rate (Column six in Table A-1) was then entered into the curve of Figure A-2 to obtain the remainder of the exposure to infinity. The sum of these two integrals was taken as the infinity exposure estimate for the location (Column eight, Table A-1).

As an example, consider the data from Blue Jay Highway Maintenance Station (Table A-1). Four E-500B readings were taken between 1645 December 18 and 1215 December 21. The recorder ran continuously from 1720 December 18 until 1200 December 19. By combining these data, a reasonable time trace of most of the cloud passage was obtained. The graphical integration of the composite data over the monitoring interval 1720 December 18 to 1215 December 21 was 12.6 mR. The last E-500B reading of 0.03 mR/h at 1215 December 21 or H+77 hours was taken as the residual exposure rate and was extrapolated by Figure A-2, to obtain 3.5 mR. The total infinity estimate, then, was 12.6 + 3.5 mR, or, when rounded to the nearest unit, 16 mR.

A TLD was at Blue Jay Highway Maintenance Station from December 3 to December 29. By December 29 or H+264 hours, according to Figure A-5, about 94% of the infinity exposure had occurred. The net TLD exposure during the eleven-day monitoring period (between cloud arrival and TLD collection) was 10 mR and the extrapolated value of 10/0.94 or 11 mR. Sixteen mR was chosen as the best estimate of the infinity exposure for Blue Jay Highway Maintenance Station.

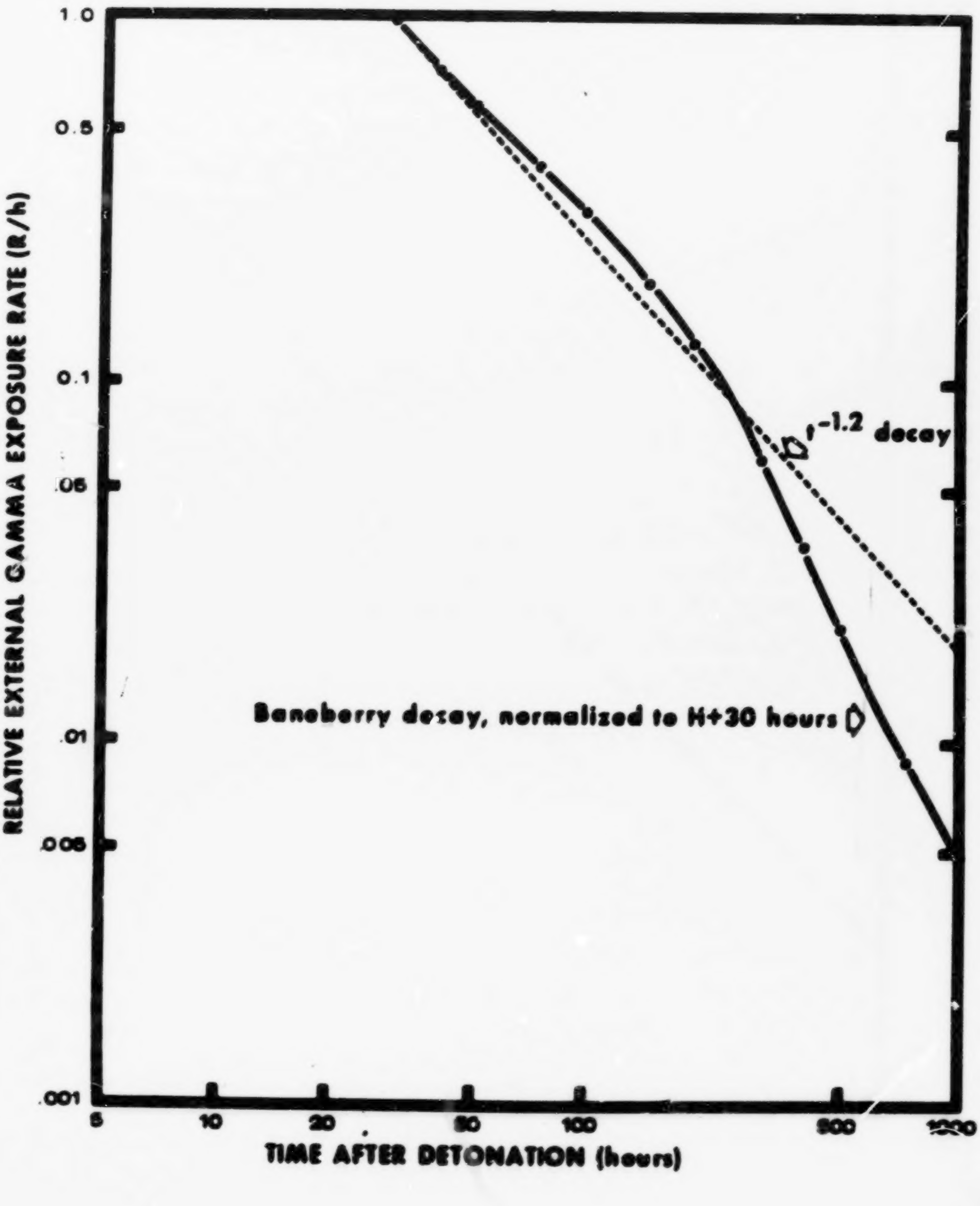


Figure A-1. Relative External Gamma Exposure Rates Computed from Baneberry Environmental Samples.

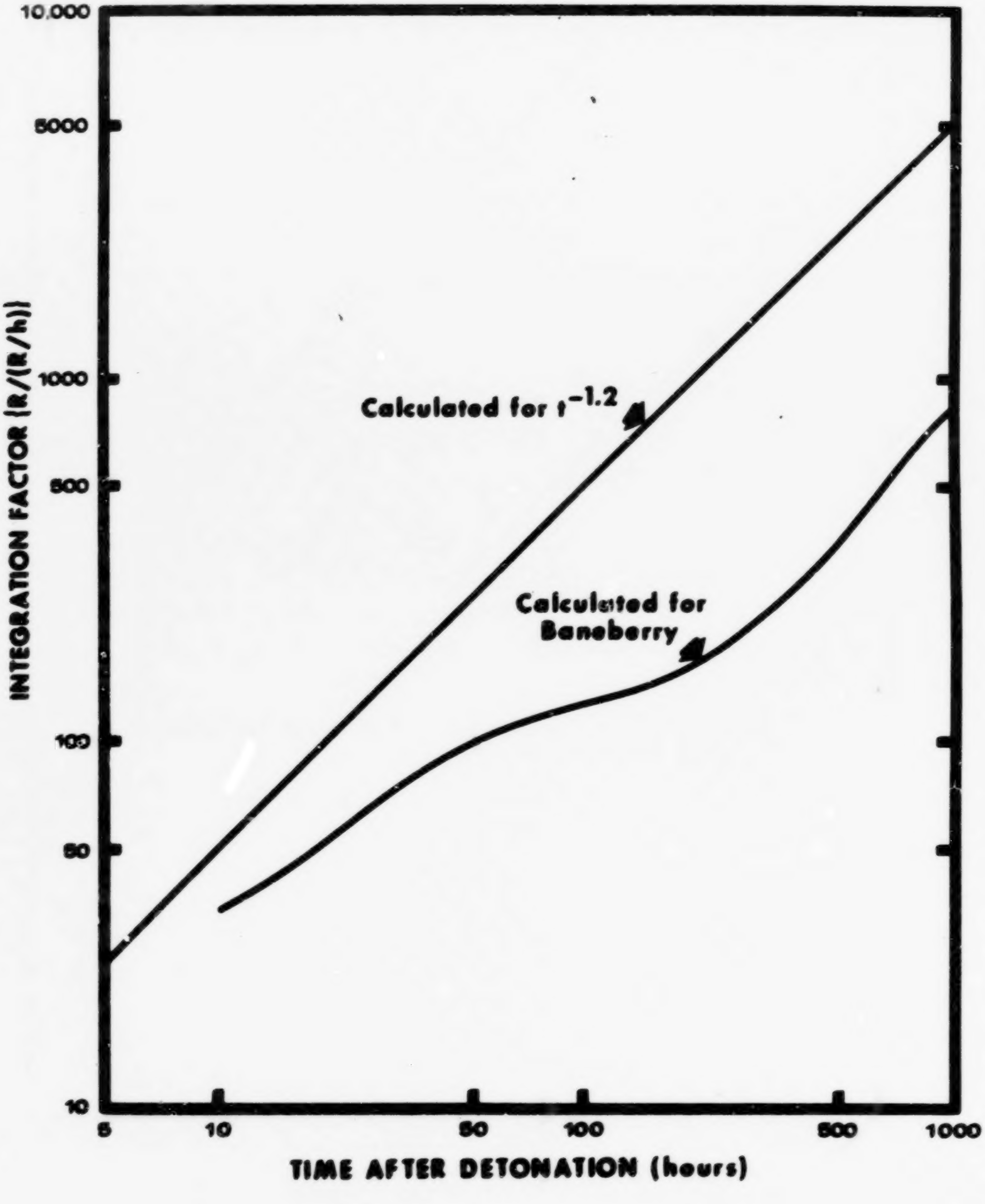


Figure A-2. External Gamma Field Integration Factor Curve.

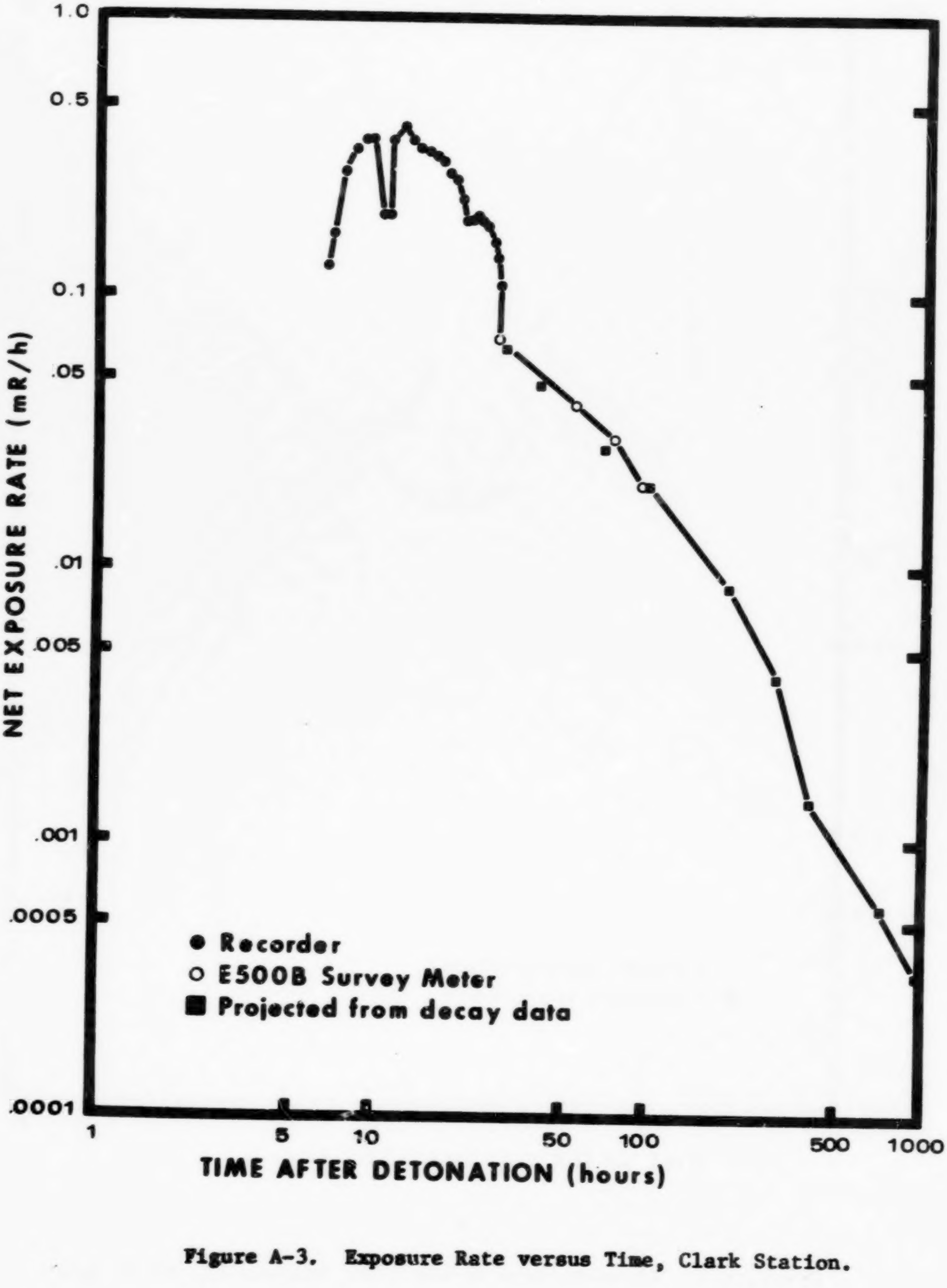


Figure A-3. Exposure Rate versus Time, Clark Station.

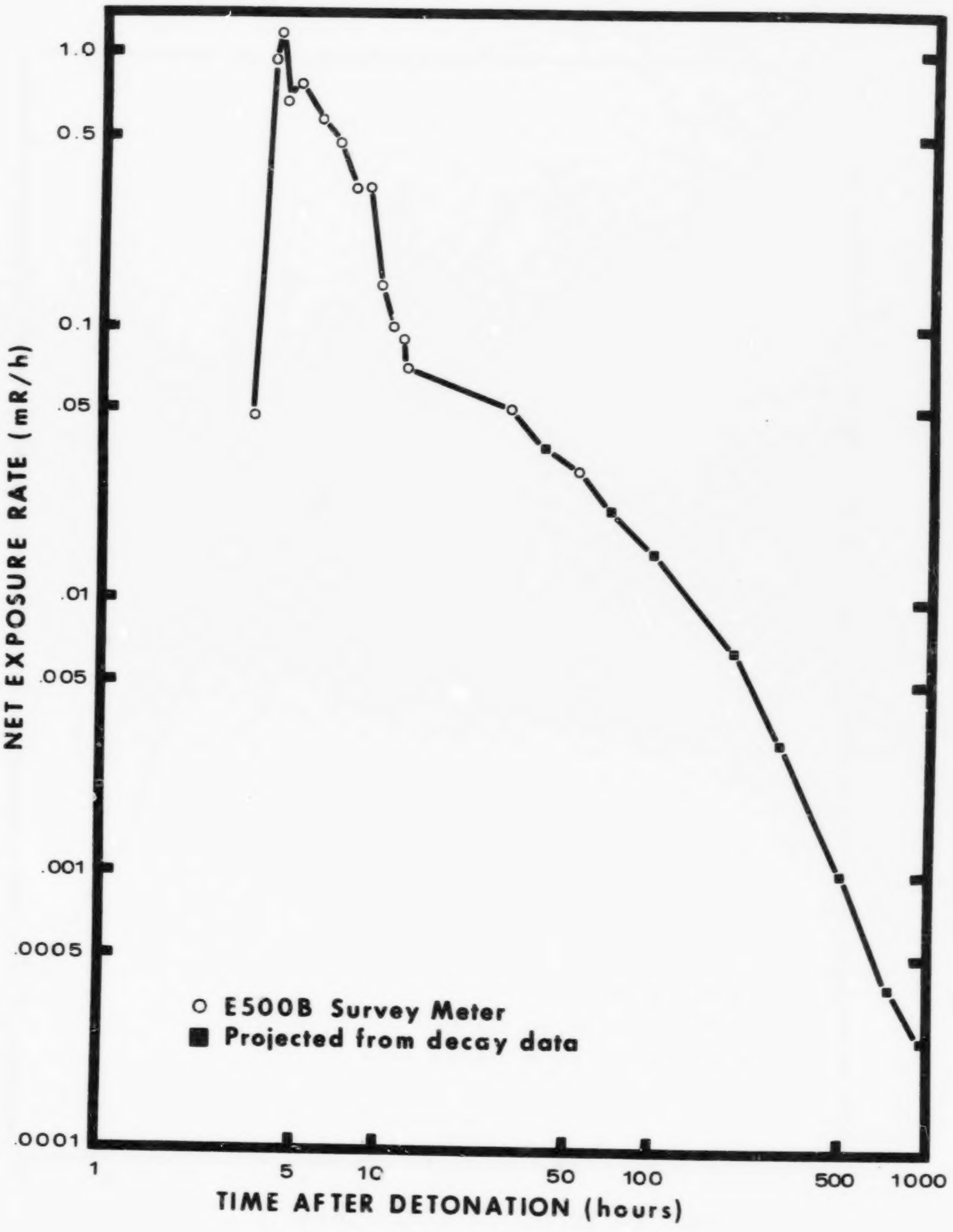


Figure A-4. Exposure Rate versus Time, Highway 25, Stake 25NY2.

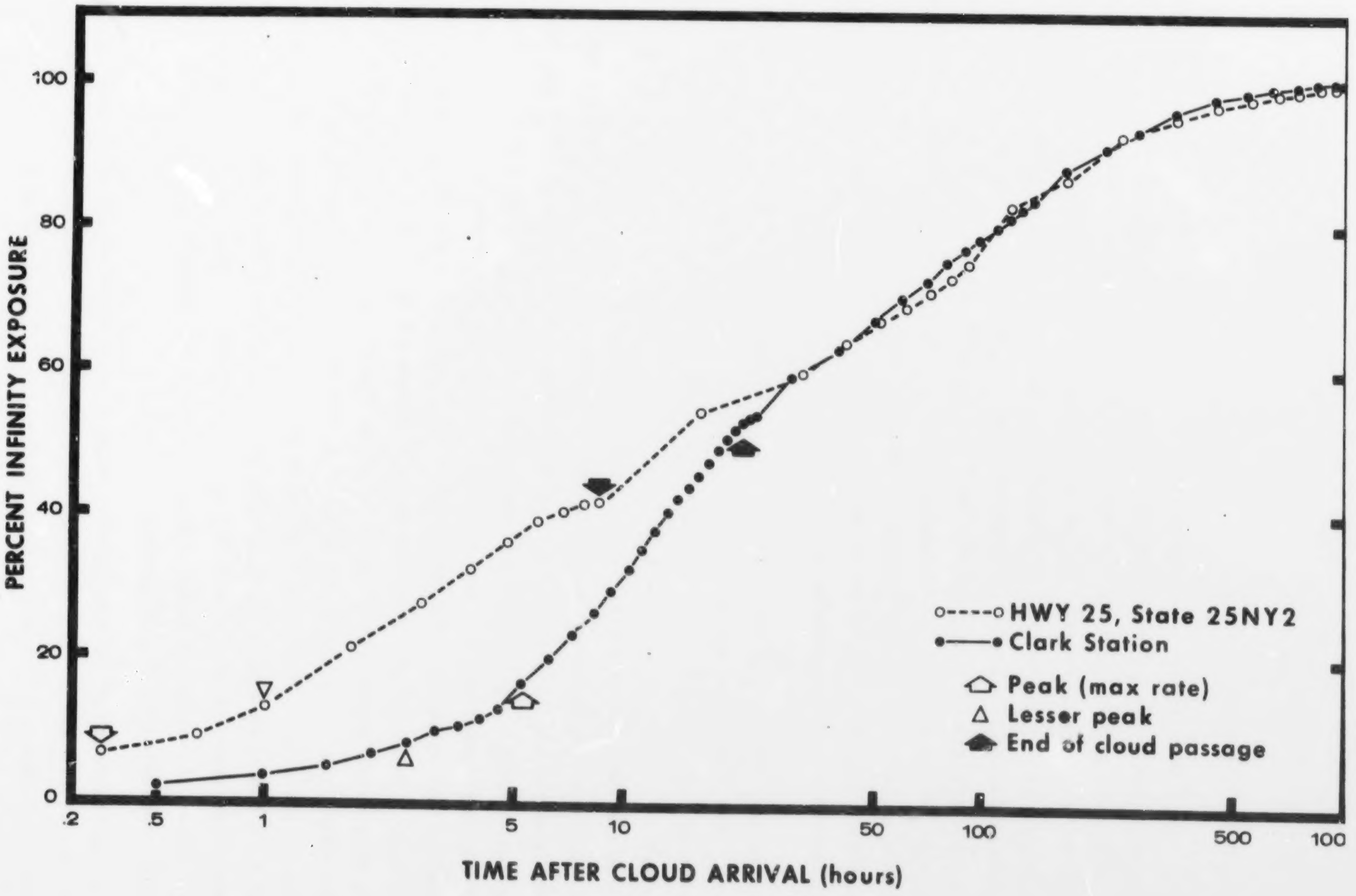


Figure A-5. Percent Infinity Exposure versus Time.

Appendix A (continued)

External Whole-Body Exposures

Table A-1 summarizes all of the ground monitoring data collected for Baneberry. The following information is listed alphabetically for each station: the types of instruments used, the monitoring interval, the cloud arrival time, the maximum net exposure rate and time of occurrence, the residual net exposure rate and time used in the infinity exposure calculation, the net exposure actually measured during the stated monitoring interval, the calculated infinity exposure for each instrument used, and the best estimate of the infinity exposure. The best estimate is always the largest of the calculated infinity exposures because all estimates which could be calculated were considered equally valid. If the data were too poor or too incomplete to support a valid exposure estimate, then the estimate was not calculated.

Statistical tests have indicated that TLD background data are not normally distributed, thus the usual sum of squares estimate of variance of the background is not a valid indication of the spread of the background values. Therefore, the selection of a range of values for background is more appropriate. A set of rules was devised to define what exposures measured by TLD's were to be considered statistically significant above background. The criteria for significance were that the net exposure was $\geq$ 0.5 times the expected background for the measurement period, that it was $\geq$ 1 mR, and that there was supporting evidence of an exposure from other measurements. The expected background was defined to be the 1970 average TLD background exposure rate in mR/day multiplied by the measurement period in days. Thus, if the expected background was 10 mR, a net exposure $\geq$ 5 mR would be considered significant. A 15 mR gross reading would result in a 5 ± 5 net exposure, i.e., the gross exposure less the background with an error term equal to 50% of the mean. The range of monthly background rates for the first eleven months of 1970 has been within ± 50% of the mean for all dosimetry stations, hence the basis for choosing the factor 0.5 for significance. Net TLD values greater than 0.5 times the expected background, but having no supporting evidence of an exposure, were considered to be background.

During the month of December 1970, SWRHL had 99 routine dosimetry stations in operation (Figure A-6). Each station was equipped with three EG&G TL-12 thermoluminescent dosimeters, which were exchanged monthly. Two of these stations were on-site, one at Area 51, and the other at the Tonopah Test Range Control Point. Four other stations were located around the perimeter of the nuclear waste facility near Beatty, Nevada, leaving a total of 93 stations operating in the off-site area during the Baneberry post-shot monitoring period. Of the 93 off-site locations monitored by the SWRHL routine TLD station network, five showed exposures significantly above background as a result of the criteria stated above. The data for all stations are included within Table A-1.

In addition to dosimetry stations, selected off-site residents have agreed to wear dosimeters which are exchanged monthly along with the station dosimeters. Sixty-five persons at 35 locations wore dosimeters during the Baneberry post-shot monitoring period. One dosimeter at Diablo Highway Maintenance Station showed an exposure significantly above background. The same criteria for significance were applied as for the station dosimeters. Table A-2 lists the routine personnel off-site dosimetry results.

Of all the SWRHL personnel fielded for the Baneberry Event, including aircraft crews, only four received detectable exposures on their TLD's. The exposures are listed below in order of decreasing value.

SWRHL Monitors ID Number	Exposure Period	Location of Exposure	Net Exposure (mR)
JV-1-B	12/18-12/22	Old Hwy 25, TTR, Tonopah	13
DR-3-B	12/18-12/20	Highway 25	3.0
HM-2-B	12/18-12/21	Diablo Highway Maintenance Sta.	1.7
LS-2-B	12/18-12/21	Blue Eagle, Nyala, Hwy 25	0.5

The above TLD readings represent the exposure during the two or three days the monitors were working in the field after the Baneberry Event.

In order to obtain an exposure profile across the effluent trajectory, TLD's were placed along Highway 25. Because of time limitations, extensive wind shear, and some uncertainty as to where the Baneberry effluent cloud would cross Highway 25, only 35 TLD's were placed along the highway just before cloud arrival on D-day. One TLD was placed on a highway mileage marker every two miles from Crystal Springs to the Diablo Highway Maintenance Station on Highway 25. The TLD's were collected on the following day and returned to the SWRHL for reading.

Figure A-7 is a plot of the exposures along Highway 25. The total background on the dosimeters (including environmental and dosimeter backgrounds for about 5 days) was estimated to be 5.5 mR. Two peaks of maximum exposure can be seen, the lesser, 4.5 mR, at stake 25LN36, about three miles west of Coyote Summit, and the larger, 6.3 mR, at stake 25NY14, about two miles south of Diablo Highway Maintenance Station. Although the cloud extended to the northwest beyond the TLD intercept, the eastern edge of the cloud was apparently between stakes 25LN30 and 25LN32, about two miles east of Coyote Summit. Exposure estimates were made from Figure A-7 at four points of interest; Diablo Highway Maintenance Station (4.7 mR), Queen City Summit, (5.5 mR), Koyne's Road (1.1 mR) and Coyote Summit (1.1 mR).

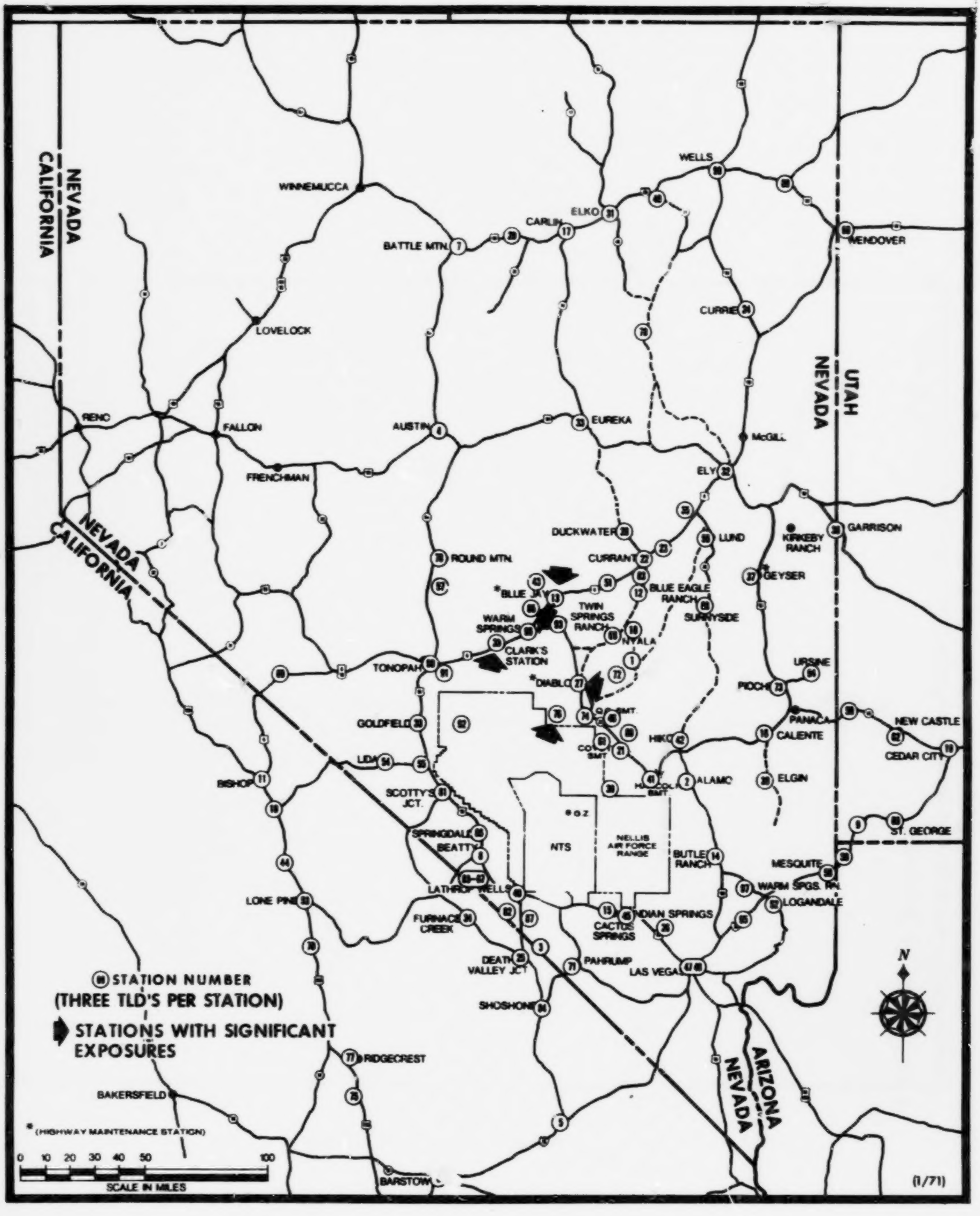


Figure A-6. Routine Dosimetry Stations.

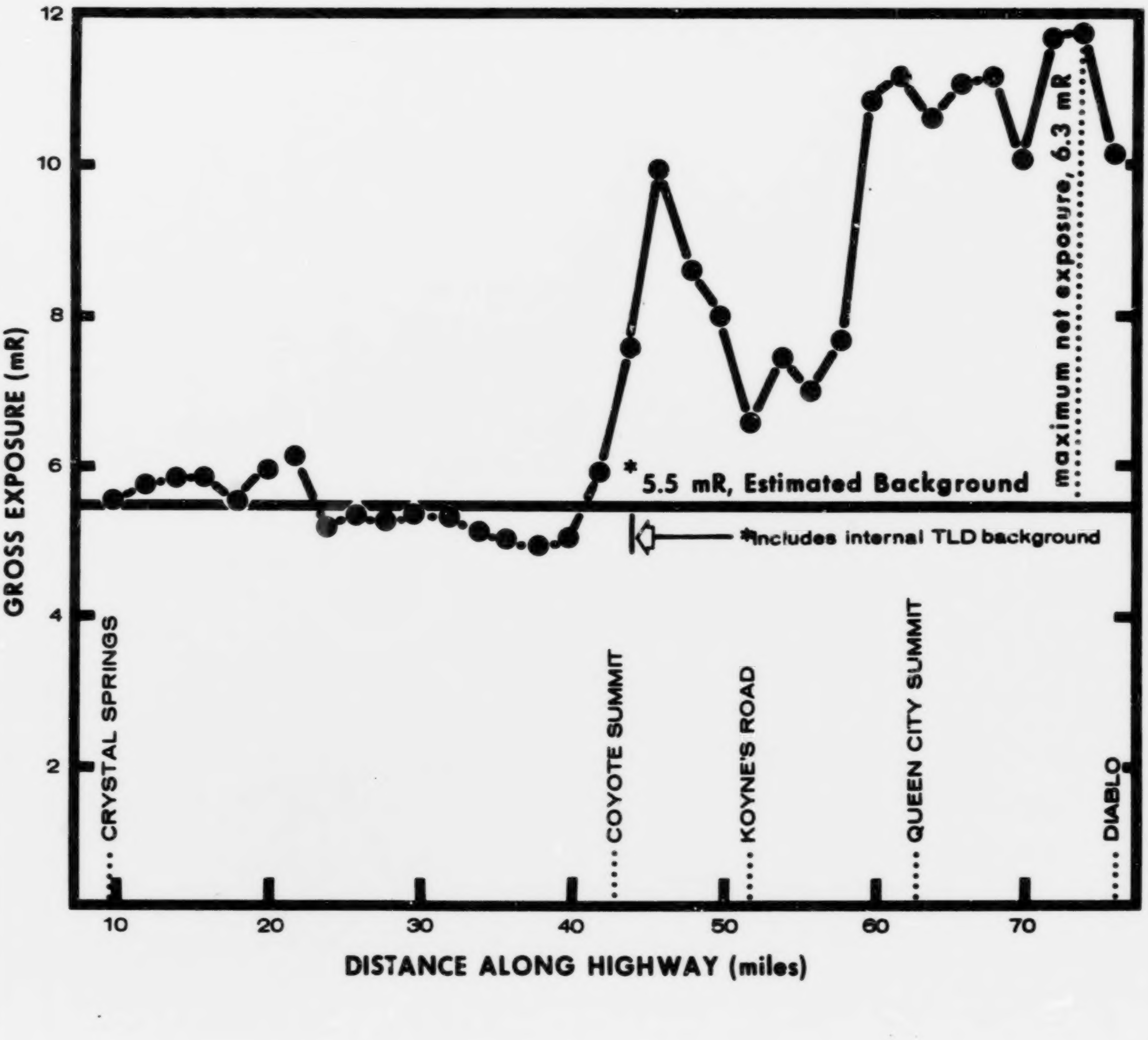


Figure A-7. TLD Arc on Highway 25, One Day Exposure 12/18/70, Baneberry.

Table A-1. External Gamma Exposure Estimates

Location	Instrument	Monitoring Interval Δt	Cloud Arrival Date Time	Maximum Net Exposure Rate (mR/h)	Maximum Net Exposure Date-Time	Residual Net Exposure Rate (mR/h)	Residual Net Exposure Date-Time	Net Exposure During Δt (mR)	Infinity Exposure Estimate E_∞ (mR)	Best Estimate of E_∞ (mR)
Adaven, NV	TLD	12/2 -12/29	-	-	-	-	-	0	0	0
Alamo, NV	E500B	12/18/1100-12/18/2030	ND	ND		ND		0	0	0
	RM-11	12/17/0800-12/22/0725	ND	ND		ND		0	0	
	TLD	12/7 -12/29	-	-	-	-	-	0	0	
Area 51, NV	E500B	12/18/0730-12/18/0930	12/18/0830	0.2[a]	12/18/0850	0	12/18/0930	0.1	0.1	0.1
	Recorder	12/18/0815-12/19/1122	12/18/0825	0.07	12/18/0840	ND	Wrong Scale	NC	NC	
	TLD	12/1 -12/30	-	-	-	-	-	0	0	
Ash Meadows, NV	TLD	12/9 -12/30	-	-	-	-	-	0	0	0
Austin, NV	RM-11	12/17/0945-12/19/1200	12/18/2100	0.015[a]	12/19/0300	0.007	12/19/1200	0.14	1	1
	TLD	12/8 -12/29	-	-	-	-	-	0	0	
Baker, CA	TLD	12/7 -12/28	-	-	-	-	-	0	0	0
Barstow, CA	TLD	12/7 -12/28	-	-	-	-	-	0	0	0
Battle Mountain, NV	TLD	12/9 -12/30	-	-	-	-	-	0	0	0
Beatty, NV	E500B	-	-	-	-	0.01	12/19/1250	ND	1	1
	RM-11	12/17/1718-12/22/1726	12/19/0530	0.004	12/19/0710	0	12/19/1500	<0.1	<0.1	
	TLD	12/9 -12/29	-	-	-	-	-	0	0	
Beaver Dam Summit, UT	TLD	12/7 -12/29	-	-	-	-	-	0	0	0
Big Pine, CA	TLD	12/8 -12/29	-	-	-	-	-	0	0	0
Bishop, CA	TLD	12/9 -12/29	-	-	-	-	-	0	0	0
Blue Eagle, NV	E500B	12/18/1700-12/18/1730	Missed	0.03	12/18/1730	0.03	12/18/1730	NC	1	1
	Recorder	12/18/1907-12/19/0930	ND	ND (<0.1)		ND	Wrong Scale	NC	NC	
	TLD	12/10 -12/30	-	-	-	-	-	0	0	

ND = Not Detected

NC = Not Calculated

- = Not applicable or no data

[a] Observed to be peak exposure rate during cloud passage.

Table A-1. External Gamma Exposure Estimates.

Table A-1. External Gamma Exposure Estimates (continued)

Location	Instrument	Monitoring Interval Δt	Cloud Arrival Date Time	Maximum Net Exposure Rate (mR/h)	Maximum Net Exposure Date-Time	Residual Net Exposure Rate (mR/h)	Residual Net Exposure Date-Time	Net Exposure During Δt (mR)	Infinity Exposure Estimate E_∞ (mR)	Best Estimate of E_∞ (mR)
Blue Jay Highway Maintenance Station, NV	E500B	12/18/1645-12/21/1215	Missed	0.47	12/18/1645	0.03	12/21/1215	NC	NC	
	Recorder	12/18/1720-12/19/1200	Missed	0.4	12/18/2000	0.17	12/19/1200	5.2	NC	
	Composite	12/18/1720-12/21/1215	Missed	0.4	12/18/2000	0.03	12/21/1215	12.6	16	16
	TLD	12/3 -12/29	------	----------		----------		10.0	11	
Bryce Canyon, UT	RM-11	12/17/1733-12/22/1430	ND	ND		ND		0	0	0
Butler Ranch, NV	TLD	12/7 -12/29	------	----------		----------		0	0	0
Cactus Springs, NV	TLD	12/11 -12/29	------	----------		----------		0	0	0
Caliente, NV	RM-11	12/17/0815-12/22/1020	ND	ND		ND		0	0	0
	TLD	12/8 -12/29	------	----------		----------		0	0	
Carlin, NV	TLD	12/9 -12/31	------	----------		----------		0	0	0
Casey's Ranch, NV	TLD	12/2 -12/30	------	----------		----------		0	0	0
Cedar City, UT	RM-11	12/17/2315-12/22/2300	ND	ND		ND		0	0	0
	TLD	12/9 -12/30	------	----------		----------		0	0	0
Clark Station, NV	E500B	12/18/14[illegible]0-12/21/1145	Missed	0.27	12/18/1730	0.03	12/21/1145	NC	NC	
	Recorder	12/18/1415-12/19/1130	Missed	0.42[a]	12/18/2000	----------		5.9	NC	
	Composite	12/18/1415-12/21/1145	Missed	0.42[a]	12/18/2000	0.03	12/21/1145	8.1	12	13
	TLD	12/3 -12/29	------	----------		----------		12.0	13	
Coyote Summit, NV	E500B	12/18/1030-12/18/1930	12/18/1100	0.16[a]	12/18/1130	0.01	12/18/1930	0.27	0.6	
	Recorder	12/18/1005-12/19/1430	ND	ND (<1.0)		ND Wrong Scale		NC	NC	2
	TLD	12/18/1005-12/19/1430	------	----------		----------		1.0	2	
Currant, NV	RM-11	12/17/0900-12/19/0900	ND	ND		ND		NC	NC	0
	TLD	12/9 -12/30	------	----------		----------		0	0	
Currant Highway Maintenance Station, NV	TLD	12/[illegible] -12/30	------	----------		----------		0	0	0
Currie, NV	TLD	12/8 -1/2	------	----------		----------		0	0	0
Death Valley Jct., CA	RM-11	12/17/0730-12/22/0830	ND	ND		ND		0	0	0
	TLD	12/9 -12/30	------	----------		----------		0	0	

ND = Not Dectected
NC = Not Calculated
-- = Not applicable or no data

[a]Observed to be peak exposure rate during cloud passage.

Table A-1. External Gamma Exposure Estimates. (continued)

Table A-1. External Gamma Exposure Estimates (continued)

Location	Instrument	Monitoring Interval Δt	Cloud Arrival Date Time	Maximum Net Exposure Rate (mR/h)	Maximum Net Exposure Date-Time	Residual Net Exposure Rate (mR/h)	Residual Net Exposure Date-Time	Net Exposure During Δt (mR)	Infinity Exposure Estimate E_∞ (mR)	Best Estimate of E_∞ (mR)
Delta, UT	RM-11	12/17/1030-12/22/1015	ND	ND		ND		0	0	0
Desert Game Range, NV	TLD	12/11 -12/29	- - - - - -	- - - - - -	- - - - - -	- - - - - -	- - - - - -	0	0	0
Diablo Highway Maintenance Station, NV	E500B	12/18/1200-12/22/1200	12/18/1300	0.27	12/18/1630	0.02	12/22/1200	6.6	9	
	RM-11	12/18/1200-12/19/0700	12/18/1300	0.14	12/18/1300	0.08	12/19/0700	2.2	7	13
	TLD	12/1 -12/29	- - - - - -	- - - - - -	- - - - - -	- - - - - -	- - - - - -	12.0	13	
Duckwater, NV	RM-11	12/18/0800-12/22/0800	ND	ND		ND		0	0	
	TLD	12/9 -12/30	- - - - - -	- - - - - -	- - - - - -	- - - - - -	- - - - - -	0	0	0
Dunphy, NV	TLD	12/9 -12/31	- - - - - -	- - - - - -	- - - - - -	- - - - - -	- - - - - -	0	0	0
Elgin, NV	TLD	12/9 -12/30	- - - - - -	- - - - - -	- - - - - -	- - - - - -	- - - - - -	0	0	0
Elko, NV	TLD	12/8 -12/31	- - - - - -	- - - - - -	- - - - - -	- - - - - -	- - - - - -	0	0	0
Ely, NV	E500B	12/18/1045-12/19/1630	ND	ND		ND		0	0	
	RM-11	12/17/1730-12/22/1500	ND	ND		ND		0	0	0
	TLD	12/8 -12/29	- - - - - -	- - - - - -	- - - - - -	- - - - - -	- - - - - -	0	0	
Eureka, NV	E500B	- - - - - -	Missed	- - - - - -	- - - - - -	0.02	12/19/1115	--	1	
	RM-11	12/17/0700-12/22/0700	ND	ND		ND		0	0	1
Furnace Creek, CA	TLD	12/9 -12/30	- - - - - -	- - - - - -	- - - - - -	- - - - - -	- - - - - -	0	0	0
Gardner Ranch, NV	TLD	12/9 -12/30	- - - - - -	- - - - - -	- - - - - -	- - - - - -	- - - - - -	0	0	0
Garrison, UT	RM-11	12/17/0800-12/22/0800	ND	ND		ND		NC	NC	0
	TLD	12/8 -12/29	- - - - - -	- - - - - -	- - - - - -	- - - - - -	- - - - - -	0	0	
Geyser Highway Maintenance Station, NV	TLD	12/8 -12/29	- - - - - -	- - - - - -	- - - - - -	- - - - - -	- - - - - -	0	0	0
Goldfield, NV	E500B	- - - - - -	- - - - - -	- - - - - -	- - - - - -	0.04	12/19/0930	--	3	
	RM-11	12/17/0800-12/22/0800	ND	ND		ND		0	0	3
	TLD	12/7 -12/30	- - - - - -	- - - - - -	- - - - - -	- - - - - -	- - - - - -	0	0	
Gunderson Rd/Hwy 25, NV	E500B	12/18/0830-12/18/1345	12/18/1030	0.19	12/18/1315	- - - - - -	- - - - - -	NC	NC	
	Recorder	12/18/1014-12/19/1620	12/18/1320	0.27	12/18/1415	0.04	12/19/1620	2.3	3	3
	TLD	12/18/1014-12/19/1620	- - - - - -	- - - - - -	- - - - - -	- - - - - -	- - - - - -	2.3	4	

ND = Not Detected
NC = Not Calculated
-- = Not applicable or no data

Table A-1. External Gamma Exposure Estimates. (continued)

Table A-1. External Gamma Exposure Estimates (continued)

Location	Instrument	Monitoring Interval Δt	Cloud Arrival Date Time	Maximum Net Exposure Rate (mR/h)	Maximum Net Exposure Date-Time	Residual Net Exposure Rate (mR/h)	Residual Net Exposure Date-Time	Net Exposure During Δt (mR)	Infinity Exposure Estimate E_∞ (mR)	Best Estimate of E_∞ (mR)
Halleck, NV	TLD	12/10 -12/10	--	--	--	--	--	0	0	0
Hancock Summit, NV	TLD	12/1 -12/29	--	--	--	--	--	0	0	0
Hwy 25, 10 mi. NW of Hancock Summit, NV	Recorder	12/18/1015-12/19/1500	ND	NC		NC		0	0	0
	TLD	12/18/1015-12/19/1500	--	--	--	--	--	0	0	
Hwy 25, Stake 230y2, NV	E5000	12/18/1100-12/20/1228	Missed	1.2^a	12/18/1145	0.03	12/20/1228	3.6	9	14
	Recorder	12/18/1000-12/19/1320	12/18/1100	0.63^a	12/18/1215	0.11	12/19/1300	6.0	14	
	TLD	12/18/1000-12/19/1233	--	--	--	--	--	5.7	10	
Hwy 6, 7 mi. E. of Clark Station, NV	Recorder	12/18/1430-12/19/1140	Missed	0.77	12/18/1430	0.06	12/19/1100	3.6	7	10
	TLD	12/18/1430-12/19/1140	--	--	--	--	--	5.7	10	
Hwy 6, 17 mi. E. of Tonopah, NV	E5000	12/19/0530-12/21/0006	Missed	0.27	12/19/0030	0.08	12/22/0006	10.3	20	20
Hiko, NV	E5000	12/18/0700-12/21/0020	ND	NC		NC		0	0	0
	TLD	12/7 -12/29	--	--	--	--	--	0	0	
Hot Creek Ranch, NV	TLD	12/3 -12/29	--	--	--	--	--	0	0	0
Independence, CA	TLD	12/8 -12/29	--	--	--	--	--	0	0	0
Indian Springs, NV	RM-11	12/17/0800-12/22/0800	ND	ND		ND		0	0	0
	TLD	12/11 -12/29	--	--	--	--	--	0	0	
Keyne's (TLD station), NV	TLD	12/1 -12/29	--	--	--	--	--	0	0	0
Keyne's Residence, NV	E5000	12/18/1330-12/18/2000	Missed	0.12	12/18/1423	0.03	12/18/2000	0.36	2	2
	Recorder	12/18/0830-12/20/1550	12/18/1100	0.13^a	12/18/1330	0.01	12/20/1150	1.5	2	
	TLD	12/18/0830-12/20/1150	--	--	--	--	--	1.7	2	
Keyne's Residence (inside), NV	TLD	12/18/0900-12/21/1600	--	--	--	--	--	0.6	1	1
Keyne's Road/Hwy 25, NV	TLD	12/18/0930-12/19/1203	--	--	--	--	--	1.0	2	2
Las Vegas (Placek Res.), NV	TLD	12/10 -12/31	--	--	--	--	--	0	0	0
Las Vegas (Nat. Wildlife), NV	TLD	12/11 -12/31	--	--	--	--	--	0	0	

ND = Not Detected
NC = Not Calculated
-- = Not applicable or no data

^{a}Observed to be peak exposure rate during cloud passage

Table A-1. External Gamma Exposure Estimates. (continued)

Table A-1. External Gamma Exposure Estimates (continued)

Location	Instrument	Monitoring Interval Δt	Cloud Arrival Date Time	Maximum Net Exposure Rate (mR/h)	Maximum Net Exposure Date-Time	Residual Net Exposure Rate (mR/h)	Residual Net Exposure Date-Time	Net Exposure During Δt (mR)	Infinity Exposure Estimate E_∞ (mR)	Best Estimate of E_∞ (mR)
Luthrop Well, NV	RM-11	12/17/0630-12/22/0630	ND	ND		ND		NC	NC	
	TLD	12/9 -12/29	--	--	--	--	--	0	0	0
Lida, NV	TLD	12/7 -12/30	--	--	--	--	--	0	0	0
Lida Junction, NV	TLD	12/7 -12/30	--	--	--	--	--	0	0	0
Littlefield, AZ	TLD	12/7 -12/29	--	--	--	--	--	0	0	0
Locke's Ranch, NV	Recorder	12/18/1815-12/19/1318	ND	ND(<0.1)		ND Wrong Scale		NC	NC	
	TLD	12/10 -12/30	--	--	--	--	--	0	0	0
Logandale, NV	TLD	12/7 -12/29	--	--	--	--	--	0	0	0
Lone Pine, CA	TLD	12/8 -12/29	--	--	--	--	--	0	0	0
Lund, NV	RM-11	12/17/0745-12/22/0805	ND	ND		ND		0	0	
	TLD	12/9 -12/29	--	--	--	--	--	0	0	0
Manhatten, NV	TLD	12/8 -12/29	--	--	--	--	--	0	0	0
Mesquite, NV	TLD	12/7 -12/29	--	--	--	--	--	0	0	0
Milford, UT	RM-11	12/17/1200-12/22/1200	ND	ND		ND		0	0	0
Modena, UT	TLD	12/8 -12/30	--	--	--	--	--	0	0	0
Montgomery Pass, NV	TLD	12/10 -12/30	--	--	--	--	--	0	0	0
Nevada Farms, NV	TLD	12/1 -12/29	--	--	--	--	--	0	0	0
New Castle, UT	TLD	12/8 -12/30	--	--	--	--	--	0	0	0
Nuclear Engineering Co. Rd/Hwy 95, NV	TLD	12/9 -12/30	--	--	--	--	--	0	0	0
Nyala, NV	E500B	12/18/1530-12/18/1930	Missed	0.07	12/18/1530	0.01	12/18/1930	0.2	1	
	RM-11	12/17/0800-12/21/0800	12/18/1700	0.04	12/18/2315	ND, out of calibration		NC	NC	1
	TLD	12/2 -12/30	--	--	--	--	--	0	0	

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-- = Not applicable or no data

Table A-1. External Gamma Exposure Estimates. (continued)

Table A-1. External Gamma Exposure Estimates (continued)

Location	Instrument	Monitoring Interval Δt	Cloud Arrival Date Time	Maximum Net Exposure Rate (mR/h)	Date-Time	Residual Net Exposure Rate (mR/h)	Date-Time	Net Exposure During Δt (mR)	Infinity Exposure Estimate E_∞ (mR)	Best Estimate of E_∞ (mR)
Nyala Road, 8 mi. N.E. of Jct with Hwy 25, NV	Recorder	12/18/1600-12/19/1205	ND		ND (<1)	ND	Wrong Scale	NC	NC	0
Oasis, CA	TLD	12/8 -12/31	--	--	--	--	--	0	0	0
Olancha, CA	TLD	12/8 -12/29	--	--	--	--	--	0	0	0
Pahrump, NV	RM-11	12/17/1025-12/22/1030	ND		ND	ND		0	0	
	TLD	12/8 -12/31	--	--	--	--	--	0	0	0
Pine Creek, NV	TLD	12/2 -12/29	--	--	--	--	--	0	0	0
Pioche, NV	RM-11	12/17/0700-12/22/0700	12/18/1300	0.04^a	12/18/1400	0	12/18/1500	<0.1	<0.1	<0.1
	TLD	12/8 -12/30	--	--	--	--	--	0	0	
Queen City Summit, NV	E500B	12/18/1230-12/20/1230	Missed	0.37	12/18/1600	0.04	12/20/1230	6.3	10	
	Recorder	12/18/1530-12/20/1235	ND		ND (<1.0)	ND	Wrong Scale	NC	NC	10
	TLD	12/1 -12/29	--	--	--	--	--	0	0	
Randsburg, CA	TLD	12/8 -12/29	--	--	--	--	--	0	0	0
Reed Ranch, NV	TLD	12/1 -12/29	--	--	--	--	--	24	26	26
Reed Ranch, 11 mi. W. of	E500B	--	Missed	--	--	3.5	12/18/1518	NC	102	102
Reed Ranch, 2 mi. W. of	Recorder	12/18/1447-12/19/1430	ND		ND (<1.0)	ND	Wrong Scale	NC	NC	
	TLD	12/18/1447-12/19/1430	--	--	--	--	--	11	34	34
Ridgecrest, CA	TLD	12/8 -12/29	--	--	--	--	--	0	0	0
Round Mountain, NV	RM-11	12/17/1148-12/20/1200	12/18/1600	0.04^a	12/18/2330	0.004	12/20/1200	0.5	1	
	TLD	12/8 -12/29	--	--	--	--	--	0	0	1
Ruby Valley, NV	TLD	12/10 -1/1/71	--	--	--	--	--	0	0	0
St. George, UT	RM-11	12/17/0525-12/22/0445	ND		ND	ND		0	0	
	TLD	12/8 -12/29	--	--	--	--	--	0	0	0
Scotty's Junction, NV	E500B	--	--	--	--	0.03	12/19/1120	NC	2	
	RM-11	12/17/1630-12/21/1000	12/19/0030	0.015	12/19/0615	0	12/21/1000	0.2	0.2	2
	TLD	12/7 -12/30	--	--	--	--	--	0	0	

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[a] Observed to be peak exposure rate during cloud passage

Table A-1. External Gamma Exposure Estimates. (continued)

Table A-1. External Gamma Exposure Estimates (continued)

Location	Instrument	Monitoring Interval Δt	Cloud Arrival Date Time	Maximum Net Exposure Rate (mk/h)	Date-Time	Residual Net Exposure Rate (mR/h)	Date-Time	Net Exposure During Δt (mR)	Infinity Exposure Estimate E_∞ (mR)	Best Estimate of E_∞ (mR)
Selback Ranch, NV	TLD	12/8 -12/8	------	------	------	------	------	0	0	0
Shell Oil Site, NV	TLD	12/10 -12/30	------	------	------	------	------	0	0	0
Shoshone, CA	RM-11	12/17/0934-12/22/0933	ND	ND		ND		NC	NC	
	TLD	12/8 -12/31	------	------	------	------	------	0	0	0
Site C, NV	TLD	12/3 -12/29	------	------	------	------	------	11	12	12
Springdale, NV	TLD	12/9 -12/30	------	------	------	------	------	0	0	0
Spring Meadows, NV	TLD	12/9 -12/30	------	------	------	------	------	0	0	0
Standard Mine, NV	E500B	------	Missed	------	------	5.5	12/18/1534	NC	165	165
Stone Cabin Ranch, NV	E500B	12/18/1530-12/21/1500	Missed	0.57	12/18/1600	0.02	12/21/1500	6.0	8	
	RM-11	12/17/0800-12/22/0800	ND	ND		ND		NC	NC	8
Sunnyside, NV	RM-11	12/17/1630-12/22/1655	ND	ND		ND		NC	NC	
	TLD	12/9 -12/29	------	------	------	------	------	0	0	0
Tempiute, NV	TLD	12/1 -12/29	------	------	------	------	------	0	0	0
Tonopah, NV	E500B	12/18/1900-12/20/0925	Missed	0.17	12/18/1900	0.01	12/20/0925	1.9	3	
	RM-11	12/17/1530-12/22/1600	ND	ND		ND		NC	NC	3
	TLD	12/7 -12/29	------	------	------	------	------	0	0	
Tonopah Airport, NV	TLD	12/9 -12/29	------	------	------	------	------	0	0	0
Tonopah Test Range, NV	TLD	12/9 -12/29	------	------	------	------	------	0	0	0
Twin Springs Ranch, NV	E500B	12/19/1545-12/20/1400	Missed	------	------	0.02	12/20/1400	1.2	NC	
	Recorder	12/18/1408-12/18/1935	Missed	0.19	12/18/1545	------	------	0.9	NC	
	Composite	12/18/1410-12/20/1400	Missed	0.19	12/18/1545	0.02	12/20/1400	4.6	7	
	RM-11	12/18/0800-12/20/0800	12/18/1300	0.035[a]	12/18/1700	0.006	12/20/0800	0.8	1	8
	TLD	12/18/1408-12/18/1935	------	------	------	------	------	3.3	8	
	TLD	12/3 -12/29	------	------	------	------	------	0	0	

ND = Not Detected
NC = Not Calculated
-- = Not applicable or no data

[a] Observed to be peak exposure rate during cloud passage

Table A-1. External Gamma Exposure Estimates. (continued)

Table A-1. External Gamma Exposure Estimates (concluded)

Location	Instrument	Monitoring Interval Δt	Cloud Arrival Date Time	Maximum Net Exposure Rate (mR/h)	Maximum Net Exposure Date-Time	Residual Net Exposure Rate (mR/h)	Residual Net Exposure Date-Time	Net Exposure During Δt (mR)	Infinity Exposure Estimate E_∞ (mR)	Best Estimate of E_∞ (mR)
Uhalde's Ranch, NV	E500B	12/18/1330-12/19/1000	Missed	0.06	12/18/1340	0	12/19/1000	0.6	0.6	
	Recorder	12/18/1322-12/19/0745	Missed	0.02	12/18/1830	--		NC	NC	2
	TLD	12/18/1322-12/19/0745	--	--		--		0.8	2	
Uhalde's Well, NV	E500B	12/18/1200-12/19/1100	12/18/1230	0.08	12/18/1700	0.02	12/19/1100	0.73	2	
	Recorder	12/18/1247-12/19/1100	12/18/1445	0.03[a]	12/18/1600	0.015	12/19/1100	0.60	2	2
	TLD	12/18/1247-12/19/1100	--	--		--		0.30	0.5	
Ursine, NV	TLD	12/8 -12/30	--	--		--		0	0	0
Valley of Fire Rd/ Hwy 91, NV	TLD	12/7 -12/29	--	--		--		0	0	0
Valley Rd/1st Barricade, NV	E500B	12/18/0930-12/18/1300	12/18/0930	0.67	12/18/1215	--		NC	NC	
	Recorder	12/18/1030-12/21/1255	Missed	0.73	12/18/1200	0.01	12/21/1255	NC	NC	
	Composite	12/18/0930-12/21/1255	12/18/0930	0.73	12/18/1200	0.01	12/21/1255	11	12	17
	TLD	12/18/1030-12/21/1255	--	--		--		12	17	
Valley Rd/Hwy 25, NV	Recorder	12/18/1015-12/19/1400	ND	ND (<1.0)		ND	Wrong Scale	NC	NC	
	TLD	12/18/1015-12/19/1400	--	--		--		3	5	5
Warm Springs, NV	E500B	12/18/1345-12/20/1230	Missed	0.26	12/18/1745	0.03	12/20/1230	4.6	8	
	Recorder	12/18/2113-12/19/1200	ND	ND (<1.0)		ND	Wrong Scale	NC	NC	9
	TLD	12/18/2113-12/19/1200	--	--		--		4.7	9	
	TLD	12/3 -12/29	--	--		--		0	0	
Warm Springs Ranch, NV	RM-11	12/17/0730-12/22/0730	ND	ND		ND		NC	NC	
	TLD	12/7 -12/29	--	--		--		0	0	0
Wells, NV	TLD	12/8 -1/1/71	--	--		--		0	0	0
Wendover, UT	TLD	12/8 -12/31	--	--		--		0	0	0

ND = Not Detected
NC = Not Calculated
-- = Not applicable or no data

[a] Observed to be peak exposure rate during cloud passage

Table A-1. External Gamma Exposure Estimates. (concluded)

Table A-2 Personnel TLD Results, December 1970

Location	Resident ID Number	Issue Date	Collection Date	Net Exposure (mR)
Alamo, NV	AL-1	12/7/70	12/31/70	0
	AL-2	12/18/70	12/19/70	0
Amargosa Valley,NV	AV-1	12/10/70	12/29/70	0
Amargosa Desert,NV	AV-2	12/8/70	12/29/70	0
Austin, NV	AU-1	12/8/70	1/ 8/71	0
Barstow, CA	BA-1	12/8/70	12/29/70	0
	BA-2	12/8/70	12/29/70	0
Beatty, NV	BE-1	12/9/70	12/30/70	0
	BE-2	12/9/70	12/29/70	0
	BE-3	12/9/70	12/21/70	0
Blue Jay Highway Maintenance Sta., NV	BJ-2	12/3/70	12/29/70	0
	BJ-1	12/3/70	12/29/70	0
Caliente, NV	CA-1	12/8/70	12/29/70	0
	CA-2	12/8/70	12/29/70	0
Currant, NV	CU-1	12/10/70	12/30/70	0
	CU-2	12/9/70	12/30/70	0
Desert Game, Range, NV	DG-1	12/11/70	12/31/70	0
	DG-2	12/11/70	12/31/70	0
	DG-3	12/11/70	12/31/70	0
	DG-4	12/8/70	12/31/70	0
	DG-5	12/11/70	12/31/70	0
Diablo Highway Maintenance Sta., NV	DI-1	12/1/70	12/29/70	0
	DI-2	12/1/70	12/29/70	0
	DI-3	12/18/70	12/29/70	4

Zero (0) indicates net exposure was less than 1 mR.
A value indicates net exposure was significantly above background, i.e., greater than or equal to 0.5 times the expected background.
a = Reader malfunction
b = Lost

Table A-2. Personnel TLD Results, December 1970 (continued)

Location	Resident ID Number	Issue Date	Collection Date	Net Exposure (mR)
Duckwater, NV	DU-1	11/18/70	12/30/70	0
Ely, NV	EL-1	12/8/70	12/29/70	0
	EL-2	12/8/70	12/29/70	0
	EL-3	12/8/70	12/29/70	0
Enterprise, UT	EN-1	12/8/70	12/30/70	0
	EN-2	12/8/70	12/30/70	0
Eureka, NV	EU-1	11/17/70	12/29/70	0
Goldfield, NV	GO-1	12/7/70	12/30/70	0
	GO-2	12/7/70	12/30/70	0
	GO-3	12/7/70	12/30/70	0
	GO-4	12/7/70	12/30/70	0
Independence, CA	IN-1	12/8/70	1/2/71	0
	IN-2	12/8/70	12/29/70	0
Indian Springs, NV	IS-1	12/11/70	12/29/70	a
Lone Pine, CA	LP-1	12/8/70	2/9/71	0
Lund, NV	LU-1	12/9/70	12/29/70	0
	LU-2	12/9/70	12/29/70	0
Nyala, NV	NY-1	12/2/70	12/30/70	0
	NY-2	12/2/70	12/30/70	0
Panaca, NV	PA-1	12/8/70	12/30/70	0
	PA-2	12/8/70	12/30/70	0
Paris Sheep Camp, NV	PC-1	12/18/70	1/7/71	0
Round Mountain, NV	RM-1	12/8/70	12/29/70	0
St. George, UT	SG-1	12/9/70	12/29/70	0
	SG-2	12/8/70	12/30/70	0
	SG-3	12/8/70	12/29/70	0
Santa Clara , UT	SC-1	12/9/70	12/30/70	0
	SC-2	12/9/70	12/30/70	0
Scotty's Jct., NV	SJ-1	12/7/70	12/30/70	0

Zero (0) indicates net exposure was less than 1 mR.
A value indicates net exposure was significantly above background, i.e., greater than or equal to 0.5 times the expected background.
a = Reader malfunction
b = Lost

Table A-2. Personnel TLD Results, December 1970 (concluded)

Location	Resident ID Number	Issue Date	Collection Date	Net Exposure (mR)
Springdale, NV	SP-1	12/9/70	12/30/70	0
Sunnyside, NV	SU-1	12/9/70	12/29/70	0
Tonopah, NV	TO-1	12/7/70	12/29/70	0
	TO-2	12/7/70	12/29/70	0
Twin Springs, NV	TS-1	12/3/70	12/29/70	0
	TS-2	12/3/70	12/29/70	0
Uhalde's Ranch, NV	UR-1	12/18/70	1/7/71	0
	UR-2	12/17/70	1/7/71	0
Uhalde's Well, NV	UW-1	12/18/70	-------	b
Ursine, NV	UR-1	12/8/70	12/30/70	0
Veyo, NV	VE-1	12/8/70	12/30/70	0
Warm Springs Ranch, NV	WR-1	12/7/70	12/29/70	0

Zero (0) indicates net exposure was less than 1 mR.
A value indicates net exposure was significantly above background, i.e., greater than or equal to 0.5 times the expected background.
a = Reader malfunction.
b = Lost

REFERENCE

1. Crocker, G. R., M. A. Conners, and D. T. K. Wong, "Some Factors for the Calculation of Infinite-Plane Exposure Rates from Gamma Radiation," Health Physics, Vol. 12, pp. 1327-1332.

APPENDIX B

DOSE ESTIMATES

Calculation of Thyroid Dose Equivalent

The radiation dose rate to the thyroid gland resulting from the inhalation or ingestion of radioiodine was determined by the equation

$d(D.E.)/dt = KEA \text{ esp } (-\lambda_{eff} t)$ where

$d(D.E.)/dt$ = dose equivalent rate, rem per day

K = dimensional constant including quality factor of 1, 51.2 (rem·g)/(MeV.µCi·day) (1)

E = effective energy of beta and gamma radiation, MeV per disintegration

A = concentration of radioiodine in thyroid, µCi/g

λ_{eff} = effective decay constant, 1/day

t = time after deposition in thyroid, days

This assumes that the radioiodine was uniformly distributed throughout the thyroid. The total dose equivalent was estimated by integrating the above equation from time zero to infinity assuming D.E. = 0 at time zero.

$$D.E. = KEA \int_0^\infty \exp(-\lambda_{eff} t)\, dt$$

$$D.E. = (-1/\lambda_{eff})\, KEA \exp(-\lambda_{eff} t) \Big|_0^\infty$$

$$D.E. = 0 + KEA/\lambda_{eff}$$

Since E and λ_{eff} are different for each isotope of radioiodine, the total thyroid dose from ith to the nth isotope was summed in accordance with

$$D.E. = \sum_{i}^{n} KE_i A/(\lambda_{eff})_i.$$

Dose from Inhalation of Radioiodines

Parameter A, the concentration of radioiodine in the thyroid, was determined for an adult by the equation

$A = \frac{\chi Bf}{m}$, where

χ = time-integrated concentration of radioactivity, µCi·sec/m³.

Appendix B (continued)

B = Breathing rate of standard man averaged over 24 hours, $2.32 \times 10^{-4} m^3/Sec$ (2).

f = fraction of inhaled radioiodine reaching the thyroid, 0.23 (2).

m = thyroid weight of standard man, 20 g (2).

$$A = \frac{(2.32 \times 10^{-4} m^3/sec)\ (0.23)x}{20\ g}$$

With this expression substituted for A and $0.693/(T_{eff}$, effective half-life) substituted for λeff the dose to an adult's thyroid from a particular radioisotope of iodine becomes

$$D.E. = 1.97 \times 10^{-4} \frac{rem \cdot m^3}{MeV \cdot \mu Ci \cdot day \cdot sec} E\ T_{eff} X$$

The following table lists the values of E, T_{eff}, and the product of 1.97×10^{-4} E T_{eff} for ^{131}I, ^{132}I, ^{132}Te, ^{133}I, and ^{135}I.

Table B-1 Adult Thyroid Dose Factors for Time-Integrated Concentrations of Radioiodines in Air

Radionuclide	f	Effective Energy (MeV)	Effective Half-Life (days)	Dose Factor for Adult $\frac{mrem\ m^3}{\mu Ci \cdot sec}$
^{131}I	0.23	0.23	7.6	0.35
^{132}I	0.23	0.65	0.097	0.0012*†
^{132}I from ^{132}Te	0.034‡	0.65	2.6‡	0.0494†
^{133}I	0.23	0.54	0.87	0.093
^{135}I	0.23	0.53	0.28	0.029

---

* Computation of factor includes factor of 1/10 due to the decay of the ^{132}I in the blood stream prior to uptake in the thyroid.

† Since ^{132}Te is more easily identified by analysis and the ^{132}I is in secular equilibrium with ^{132}Te, the sum of these dose factors (rounded off to 0.051), when multiplied times the time-integrated concentration of ^{132}Te, estimates the thyroid dose from the inhalation of both ^{132}I and ^{132}Te.

‡ Parameters derived elsewhere (3).

For the dose to a child's thyroid, the adult thyroid dose computed from the above factors was multiplied by a factor of 2.5 to account for differences in thyroid weight, in breathing rates between an adult and a child, and in effective energies for an adult and a child. Table B-2 lists the infant thyroid doses calculated from the air sampling results of Appendix C. Those values marked with an asterisk in Table B-2 are estimates instead of actual measurements. Due to the rapid decay of the radioiodines and to delays in transporting and analyzing large numbers of samples, many of the radioiodines were not detected in some of the air samples at time of counting. The quantities of the undetected radioiodines were estimated from measured ratios of isotopic activities on air samples which contained more than one radioisotope of iodine. The measured ratios ($^{133}I/^{131}I$ and $^{135}I/^{133}I$), determined from the air sampling results of Appendix C, were correlated with the respective time periods between sample collection and time of fission.

Since the particulate filters (PF's) and charcoal cartridges (CC's) were often counted at different times, radioiodine found on one filter media was not always detected on the other media used on the same air sampler. The quantities of the radioiodines on a PF or CC under these circumstances were estimated from the measured ratios of activities (PF/CC) for the isotopes ^{131}I and ^{133}I; not enough data was available for ^{135}I. The measured ratios were correlated with the appropriate time periods between sample collection and time of fission. The equations for these correlations, shown below, were derived from least-squares regression analyses of data from air samples grouped within three sectors from the test location. Correlation coefficients (r) are determined for each equation. The samples were grouped by these sectors,

2° - 80°

$\log_{10} {}^{133}I/{}^{131}I = 1.235 - 0.009863\ \Delta t \qquad r = -0.78$

$\log_{10} (PF/CC)_{133} = 1.232 - 0.01527\ \Delta t \qquad r = -0.62$

$\log_{10} (PF/CC)_{131} = 1.794 - 0.0235\ \Delta t \qquad r = -0.79$

220° - 333°

$\log_{10} {}^{133}I/{}^{131}I = 1.484 - 0.01587\ \Delta t \qquad r = -0.84$

$\log_{10} (PF/CC)_{131} = 0.5093 - 0.009142\ \Delta t \qquad r = -0.55$

$\log_{10} (PF/CC)_{133} = 0.03150 - 0.006255\ \Delta t \qquad r = -0.34$

334° - 1°

$$\log_{10} {}^{133}I/{}^{131}I = 1.3999 - 0.01166\ \Delta t \qquad r = 0.89$$

$$\log_{10}(PF/CC)_{133} = 0.3258 - 0.009980\Delta t \qquad r = 0.72$$

$$\log_{10}(PF/CC)_{131} = 0.7660 - 0.01537\ \Delta t \qquad r = 0.89$$

0° - 360°

$$\log_{10} {}^{135}I/{}^{133}I = 0.5169 - 0.0328\ \Delta t \qquad r = 0.78$$

${}^{133}I/{}^{131}I$, ${}^{135}I/{}^{133}I$ = ratio of isotopic activities on PF and CC combined

$(PF/CC)_{131}$, $(PF/CC)_{133}$ = ratio of ${}^{131}I$ (or ${}^{133}I$) activity on PF to ${}^{131}I$ (or ${}^{133}I$) activity on CC.

This grouping was necessary because fractionation of the released radioactivity appeared to have occurred from wind shear and variations in effective release height during the period of the release. Insufficient ${}^{135}I$ data were available for establishing the ration ${}^{135}I/{}^{133}I$ for each sector, so the data for ${}^{135}I$ in all sectors were used.

Table B-2 Time-integrated Concentrations of Radioiodines in Air and Estimated Thyroid Doses

Location	Azimuth (degrees)	Distance (miles)	Sampling Period Date/Time	to Date/Time	Meter Operating Time (hr)	Time-integrated† Radioactivity Concentrations (μCi·sec/m³) ^{131}I	^{132}Te	^{133}I	^{135}I	Estimated‡ Infant Thyroid Dose Equivalent (mrem)
Alamo, Nevada	75	53	18/2152	21/0800	58.1	0.17*	1.2	1.1	0.18*	0.57
Austin, Nevada	342	188	18/1100	23/1000	117.4	12*	31	150*	50	53
Austin, Texas	114	1133	23/0830	24/1030	26.	0.02	-	-	-	0.02
Battle Mountain, Nevada	350	245	18/1223	21/1130	71.1	1.9	3.6	12*	0.06*	5
Beatty, Nevada	245	41	18/1828	21/1731	46.4	0.42	0.66	3.5	0.96*	1.3
Bishop, California	276	137	18/1800	19/1700	23	0.03	0.03	0.29	-	0.1
Blue Eagle Ranch, Nevada	17	98	18/1700	25/1530	160.1	3.8*	12	24*	4.2	11
Blue Jay Hwy. Maint. Sta., Nevada	354	85	18/0740	24/0730	142	7.1	21	56	22*	23
Boise, Idaho	359	447	18/0915	22/0900	71.8	0.98	2.6	3.9*	-	2.1
Bozeman, Montana	24	642	19/1240	21/1240	48.2	0.87	2.3	6.7*	-	2.6
Burns, Oregon	341	469	20/0849	21/0844	24	0.09	0.28	0.27*	-	0.2
Caliente, Nevada	70	98	18/1043	21/0800	67.1	0.71	3.2	5.8*	0.60	2.4
Cedar City, Utah	78	170	18/2350	20/2330	47.6	0.05*	0.19	0.19	-	0.1
Currant, Nevada	19	118	18/0830	23/0800	118	0.73	2.3	3.8*	1.5*	1.9
Currie, Nevada	19	236	18/0758	21/0700	56.6	0.69	1.2	4.1*	2.0*	1.9
Death Valley Jct., California	196	62	19/0800	20/1430	30.8	0.02	0.06	0.16	-	0.06
Diablo Hwy. Maint. Sta., Nevada	1	51	18/0800	01/0800	263.5	3.9*	5.3	22*	3	9.4
Duckwater, Nevada	11	121	18/0900	27/1900	153.2	2.7	11	19*	6.7	8.6
Dugway, Utah	40	278	18/1500	20/0900	42	0.19	0.38	1.3*	0.03*	0.57
Elko, Nevada	4	254	18/1100	20/0900	45.9	1.1	3.5	4.2*	-	2.4
Ely, Nevada	25	188	18/1415	22/0900	90.5	4.1	14	28*	0.54*	12
Enterprise, Utah	78	134	18/1845	20/1700	46.3	0.06*	0.36	0.31	-	0.2
Eureka, Nevada	3	162	18/1500	25/0700	136	3.8	12	28*	11*	12
Fallon, Nevada	318	215	18/1040	21/0904	70.2	1.2*	2.6	10*	-	3.8

† - Based on meter time and not operator on/off times.
‡ - Calculation method shown in Appendix B
* - Estimated concentrations

Table B-2. Time-integrated Concentrations of Radioiodines In Air and Estimated Thyroid Doses.

Table B-2. Time-integrated Concentrations of Radioiodines in Air and Estimated Thyroid Doses (continued)

Location	Azimuth (degrees)	Distance (miles)	Sampling Period Date/Time	to Date/Time	Meter Operating Time (hr)	Time-Integrated† Radioacitivity Concentrations (μCi'sec/m³) ^{131}I	^{132}Te	^{133}I	^{135}I	Estimated‡ Infant Thyroid Dose Equivalent (mrem)
Frenchman Station, Nevada	321	188	19/0733	22/0700	71.5	3.7	13	27*	-	11
Furnace Creek, California	223	62	19/0800	21/0700	47.1	0.29	0.21	3.2*	-	1
Garrison, Utah	43	166	18/0800	21/0800	72	3	11	18*	2.9*	8.3
Geyser Hwy. Maint. Sta., Nevada	38	130	18/1602	20/1705	48.7	5.1	21	28*	4.6*	14
Goldfield, Nevada	301	73	18/0800	24/0800	96	1.2*	1.7	12*	4.1*	4.2
Hiko, Nevada	58	56	18/2000	21/0900	60.7	0.30*	1.7	1.9	0.47*	0.94
Idaho Falls, Idaho	26	486	19/1054	24/1100	94.9	2.1	6.2	7.1*	-	3.9
Lida, Nevada	284	79	19/0635	24/1015	74.7	1.2*	0.45	9.7*	-	3.4
Little Rock, Arkansas	97	1339	24/0830	28/0830	96	0.14	0.07	-	-	0.1
Logan, Utah	36	389	19/0830	23/0840	96	1.3	3.6	4.6*	-	2.6
Lovelock, Nevada	328	245	19/1000	21/1000	48.	1.6	4.3	11*	-	4.5
Lund, Nevada	27	132	18/0748	20/0818	48.8	2.0*	8.1	19*	7.8*	7.7
Milford, Utah	63	189	18/1600	20/1200	44	0.07	0.31	0.33	0.08*	0.2
Missoula, Montana	9	679	20/1415	22/1625	50.1	0.52	1	1.1*	-	0.85
Nyala, Nevada	15	77	18/0800	28/0800	168.2	2.8*	7.6	17	4.7*	7.7
Pioche, Nevada	60	105	18/0700	21/0700	72	1.5	5.8	10*	2.8*	4.5
Pocatello, Idaho	26	438	20/0900	21/0910	24	0.27	0.63	0.81*	-	0.50
Preston, Idaho	33	408	19/1100	21/1100	48	0.68	2.2	2.6*	-	1.5
Rapid City, South Dakota	55	826	21/1816	22/2220	-	0.03	0.09	-	-	0.05
Reno, Nevada	309	261	18/1240	21/0735	66.9	1.4	1.3	12*	1.2*	4.3
Rock Springs, Wyoming	50	477	19/0700	21/0700	48.	0.29	1.1	1.2*	-	0.67
Round Mountain, Nevada	334	119	18/1146	26/1140	191.9	7.4	18	85*	27*	31
Salt Lake City, Utah	42	336	19/0850	21/0820	47.6	1.35	4.4	8	-	3.6
Scotty's Junction, Nevada	279	52	18/1630	20/1630	47.8	1.2	2	13*	3.9*	4.5

† - Based on meter time and not operator on/off times.
‡ - Calculation method shown in Appendix B
* - Estimated concentrations

Table B-2. Time-integrated Concentrations of Radioiodines in Air and Estimated Thyroid Doses. (continued)

Table B-2. Time-integrated of Radioiodines in Air and
Estimated Thyroid Doses (concluded)

Location	Azimuth (degrees)	Distance (miles)	Sampling Period Date/Time	to Date/Time	Meter Operating Time (hr)	Time-Integrated† Radioactivity Concentrations (μCi·sec/m^3) 131_I	132_{Te}	133_I	135_I	Estimated‡ Infant Thyroid Dose Equivalent (mrem)
Spokane, Washington	355	727	18/1100	21/0800	69	0.05	0.15	-	-	0.07
St. Louis, Missouri	86	1410	23/1757	24/1804	24.1	0.05	0.10	-	-	0.05
Stone Cabin Ranch, Nevada§ **	337	74	18/0800	30/0800	222.7	21	71	280*	150*	100
Sunnyside, Nevada	34	106	18/1450	21/1930	77	0.64*	3.7	6.6	1.6*	2.7
Tonopah, Nevada	315	88	18/1130	26/1400	173.6	4.5*	8.2*	48*	35	19
Tonopah Test Range, Nevada	320	56	18/0840	26/1000	170.1	4.3*	13	63	76*	26
Twin Falls, Idaho	13	383	19/0800	22/0800	71.8	0.55	1.5	1.9*	-	1.1
Twin Springs Ranch, Nevada	356	72	18/0800	29/0800	237	5.8*	8.3	30*	2.1*	13
Warm Springs, Nevada	348	73	18/0800	22/0920	96.1	4.6	11	34	20*	15
Wells, Nevada	13	279	18/1705	20/1700	47.9	1.2	3.4	6.6*	0.02*	3
Wendover, Utah	24	269	19/0800	23/0800	96	0.95	3.3	3*	-	2
Winnemucca, Nevada	342	277	19/0600	23/0600	96	5.3	16	47*	-	18
Worland, Wyoming	42	636	20/0745	22/0745	48	0.95	3.4	2.1*	-	1.7

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† - Based on meter time and not operator on/off times.

‡ - Calculation method shown in Appendix B

§ - Samples from Stone Cabin Ranch are identified in Appendix A as Clark Station.

* - Estimated concentrations

** - An electrical power failure between 0700 and 1200 on December 19 resulted in no sample collected for that period.

Table E-2. Time-integrated Concentrations of Radioiodines in Air and Estimated Thyroid Doses. (concluded)

Dose from Ingestion of Milk Containing Radioiodine

For ingestion, parameter A for a one-year-old infant was defined as

$$A = \frac{CVf}{m}$$ where

C = the time-integrated concentration of radioiodine in milk, pCi·day/l, from time zero to infinity assuming that the effective half-lives of ^{131}I and ^{133}I in milk are 5 days and 21 hours respectively.

V = the rate by which milk is consumed by a child one-year-old or less, 1 liter/day (4).

f = fraction of ingested radioiodine reaching the thyroid, 0.3(2).

m = thyroid weight, g.

With the values for V and f substituted,

$$A = \frac{(1 \text{ liter/day})}{m} (0.3)\ C, \text{ or}$$

$$A = \frac{0.3 \text{ liter}}{\text{day}} \frac{C}{m}$$

The dose equation $D = KEA/\lambda_{eff}$ becomes applicable to milk ingestion with the above expression for A substituted as follows:

$$\text{D.E.} = \left(1.5 \times 10^{-2} \frac{\text{mrem}\cdot\text{g}\cdot\text{l}}{\text{MeV}\cdot\text{pCi}\cdot\text{day}^2}\right) \frac{E\ C}{\lambda_{eff} m}$$

With $\lambda_{eff} = 0.693/T_{eff}$

$$\text{D.E.} = \left(2.2 \times 10^{-2} \frac{\text{mrem}\cdot\text{g}\cdot\text{l}}{\text{MeV}\cdot\text{pCi}\cdot\text{day}^2}\right) \frac{E\ T_{eff}\ C}{m}$$

The following tables list the values for E, T_{eff}, and the product of $(2.2 \times 10^{-2})\ E\ T_{eff}$ for ^{131}I and ^{133}I. The differences in the effective energies for the adult and infant listed in these tables are due to the different thyroid sizes of an adult and child.

Appendix B (continued)

Table B-3 Child Dose Factors for Time-Integrated Concentration of Radioiodines in Milk

Isotope	Effective Energy (MeV)	Effective Half-Life (day)	Dose Factor for One-year-old Child $\frac{\text{mrem.g.l}}{\text{pCi}\cdot\text{day}}$
^{131}I	0.20	7.6	0.034
^{133}I	0.50	0.87	0.0096

Table B-4 Adult Dose Factors for Time-Integrated Concentrations of Radioiodines in Milk

Isotope	Effective Energy (MeV)	Effective Half-Life (day)	Dose Factor for Adult $\frac{\text{mrem.g.l}}{\text{pCi}\cdot\text{day}}$
^{131}I	0.23	7.6	0.039
^{133}I	0.54	0.87	0.010

Table B-5 summarizes the milk results from Appendix C and lists the estimated thyroid doses for either known or hypothetical milk drinkers at the sampling locations. One adult and two children, ages 13 and 15, at the McCurdy Ranch were known users of the milk produced at that location. The youngest child drinking milk from the McCurdy cows was a two-year-old living in Beatty, about ten miles south of Springdale. The child's parents were contacted and the actual amount of milk consumed by the child per day was determined to be 1 liter per day. From the concentrations of radioiodine in the milk, the rate of consumption, the above child dose conversion factors, and an assumed thyroid weight of 3 grams, the thyroid dose equivalent received by the child was estimated.

From the other ranches, the actual quantity of milk consumed by the youngest child drinking milk at each location was not determined; therefore, a consumption rate of 1 liter/day was assumed. The thyroid weights assumed for the 7 and 9-year-old children were 7 grams and 9 grams, respectively. A 20-gram thyroid weight was used for the adults. The thyroid dose equivalents received by the individuals were estimated from these assumptions, the concentrations of radioiodine in the milk, and the above dose conversion factors for an adult.

Appendix B (continued)

Table B-5 Estimated Thyroid Doses from Milk Ingestion

Location	Peak Conc. (pCi/l)		Time-Integrated Conc. (pCi·day/l)		Age of Recipient (years)	Dose Equivalent (mrem)
	^{131}I	Date	^{131}I	^{133}I		
McCurdy Ranch Springdale, NV	810	12/26	14,000	4700	1	260
			10,000	4700	2	130
			14,000	4700	13	50
			14,000	4700	15	40
			14,000	4700	over 20	30
Martin Ranch Eureka, NV	240	12/22	1400	2600	>20	4
Young Ranch Austin, NV	140	12/21	900	3200	9	7
Triple T Ranch Austin, NV	50	12/27	230	480	1	6
Berg Ranch Round Mt., NV	70	12/21	560	1300	7	5
Halstead Ranch Duckwater, NV	90	12/20	410	890	>20	1
Sharp Ranch Nyala, NV	30	12/20	170	580	1	6
Blue Eagle Ranch Currant, NV	30	12/20	220	290	1	5
Kirkeby Ranch Shoshone, NV	40	12/21	160	330	1	4
Larsen Ranch McGill, NV	30	12/22	200	70	1	4
Lee Ranch Panaca, NV	40	12/21	120	180	1	3
Ida Gem Dairymen Jerome, ID	40	12/25	320	- - -	1	5
Cream of the Valley Dairy, Powell, WY	40	12/24	140	- - -	1	2
Univ. of Wyoming Laramie, WY	10	12/31	50	- - -	1	1

Dose from Ingestion of Snow Containing Radioiodine

In February, 1971, EPA personnel discovered that sheepherders in central Nevada were using melted snow for drinking and cooking. According to interviews with sheepherders and ranchers, the following facts were established:

1. Two sheepherders were located in an area about 10-15 miles north of Duckwater from December 18 through March. Five other sheepherders located north of Highway 50 between Pancake and Little Antelope Summits (between Ely and Eureka) on December 18 moved their sheep southward toward Duckwater and joined the herd north of Duckwater. On February 1, the five herders traveled in a southwesterly direction into Smokey Valley, about 15 miles southwest of Duckwater, and remained there until early March when they moved northward. The owner of both herds spent considerable time with the herders, bringing the total number of persons ingesting melted snow to eight.
2. Sheepherders ingested about 3 to 4 quarts of melted snow per day.
3. Prior to December 18, there was about one foot of snowfall in the area where the sheepherders were tending their sheep. On December 18 and 19, there were only light snow flurries resulting in no appreciable accumulation of snow.

Since no samples were taken of the snow actually used by the sheepherders, the analytical results of samples collected at Pancake Summit (24 miles east of Eureka on Highway 50), Little Antelope Summit (44 miles west of Ely on Highway 50), and Duckwater were used to calculate the thyroid doses which the herders may have received. The thyroid doses were calculated from the radioiodine concentrations integrated to infinity (pCi·day/l), the previously discussed dose conversion factors for milk ingestion, and the following assumptions:

1. The radioiodine concentrations in the snow decreased only by radiological decay.
2. Consumption of the melted snow was 3 liters per day per sheepherder.

3. The infinity dose estimates would be reduced by a factor of two

   (a) due to the differences in the sample collection depth (2 to 3 inches) and depth to which the herders collected the snow (6 to 12 inches) and

   (b) due to the radioiodines deposited on the snow being diluted by snowfall on December 21 (5).

From consideration of these assumptions and the locations of the sheepherders, the estimate of the dose for the herders was 0.5 rem plus or minus a factor of three. The fraction of the estimated dose which would be received for various periods of ingestion is:

Period of Ingestion (days)	1	2	5	7	14	21
Percent of Infinity Dose	20	30	50	60	80	90

The wide range in the dose estimate is a result of the following uncertainties:

1. The actual geographical distribution of the radioiodine on the snow at the locations of the sheepherders.

2. The distribution of the radioiodine with snow depth, although it would appear to be a thin layer on the surface.

3. The actual period during which snow was ingested prior to new snowfall and melting.

The sample collected at Blue Jay Highway Maintenance Station, which had the highest concentrations of radioiodines, was not used in the dose estimates for two reasons. First, the herders were located between Duckwater and Highway 50 for a period during which they would have received over 90% of the total dose, and secondly, evidence was available that the high concentrations of radioiodine in the snow at Blue Jay Highway Maintenance Station was a result of snow-out during the passage of the Baneberry effluent. According to statements by the sheepherders and ranchers and local climatological records (5), heavy snowfall did not occur in the area of the sheepherders except before and after cloud passage (December 18-19). The records did show snowfall at Blue Jay Highway Maintenance Station on December 18 and 19. In addition, estimates of the deposition velocity of ^{131}I at locations surrounding the area of the sheepherders (Eureka, Currant, Duckwater, and Round Mountain) were about 2 cm/sec, which is representative of dry deposition. The deposition velocity at Blue Jay Highway Maintenance Station was estimated as 50 cm/sec, indicating that snow-out probably occurred. All deposition velocity calculations were based upon the concentration of ^{131}I in snow samples, ^{131}I in air samples collected at or near the snow sampling locations, and a snow to water volume ratio of 10:1.

Dose Estimates by Whole-Body Counting

Thyroid doses were estimated from the whole-body counting results for five aircrew personnel, three off-site monitors, Mrs. McCurdy and her thirteen-year-old son. The whole-body counting system consists of an eleven-inch-diameter, four-inch-thick sodium-iodide crystal coupled through seven photomultiplier tubes to a pulse-height analysis system. The sodium-iodide detector is located in a chamber measuring nine-by-nine feet with walls, floors, and ceilings shielded with five inches of steel. Accurate estimates of internally deposited gamma-emitting radionuclides can be made as low as one nanocurie (1000 pCi).

From the whole-body counts of two aircrew members on December 18, thyroid burdens of ^{131}I, ^{133}I and ^{135}I were measured. From the product of these burdens and the dose conversion factors 6.16 mrem/nCi for ^{131}I, 1.39 mrem/nCi for ^{133}I, and 0.314 mrem/nCi for ^{135}I, a thyroid dose of <50 mrem was estimated. The other three aircrew members and the three off-site monitors were not counted until December 21-23; no radioiodine was detected.

On January 16, 1971, Mr. and Mrs. McCurdy and their thirteen-year-old son were counted. An older son remained at home to look after the ranch and was not counted. Normal counting procedures suggested the possiblity of an ^{131}I peak within the resulting gamma spectrum; however, the count rates were extremely low. Special counting procedures were instituted wherein the sodium-iodide detector was positioned as close as possible to the thyroid. Even with the detector in this position, the presence of ^{131}I was not conclusively established.

As an estimate, the thyroid burdens were calculated from the largest possible ^{131}I peak which could be fitted into the appropriate region of the spectrum for ^{131}I. The results showed possible burdens of 0.3 nanocurie in Mrs. McCurdy and 0.16 nanocurie in the thirteen-year-old boy at time of count. Mr. McCurdy works at a radioactive waste disposal site, and at the present has higher than normal burdens of ^{137}Cs and ^{60}Co. Because of the increased background from these radionuclides and the absence of any discernible gamma spectrum peak in the ^{131}I region, no estimate of his burden was made.

Appendix B (continued)

The method used to estimate the thyroid dose from the whole-body counting results was to scale the calculated dose by methods described earlier in Appendix 3 by the ratio of the measured burden to the calculated burden. This method assumed that the milk consumption of 1 liter per day and the fractional uptake of 0.3 were constant. Therefore, the actual burden on any day was calculated from the ratio of the measured burden to the calculated burden at the time of the whole-body count times the calculated burden for any particular day. The calculated burden for any particular day was determined from the product of the concentration of ^{131}I in milk for a particular day, the milk consumption rate of 1 liter/day, an uptake factor of 0.3, and a decay correction factor for physical and biological elimination during uptake and deposition in the thyroid.

Figure B-1 shows the results of this calculation from the concentrations illustrated in Figure 3 for the McCurdy Ranch.

Figure B-2 shows the accumulative adult thyroid dose for any particular day based upon Figure B-2 multiplied by the ratio of measured burden to the calculated burden and a dose conversion factor of 6.16 mrem/nCi. For the accumulative dose to the thyroid of the thirteen-year-old boy, the curve in this figure must be multiplied by the factor 20/13.

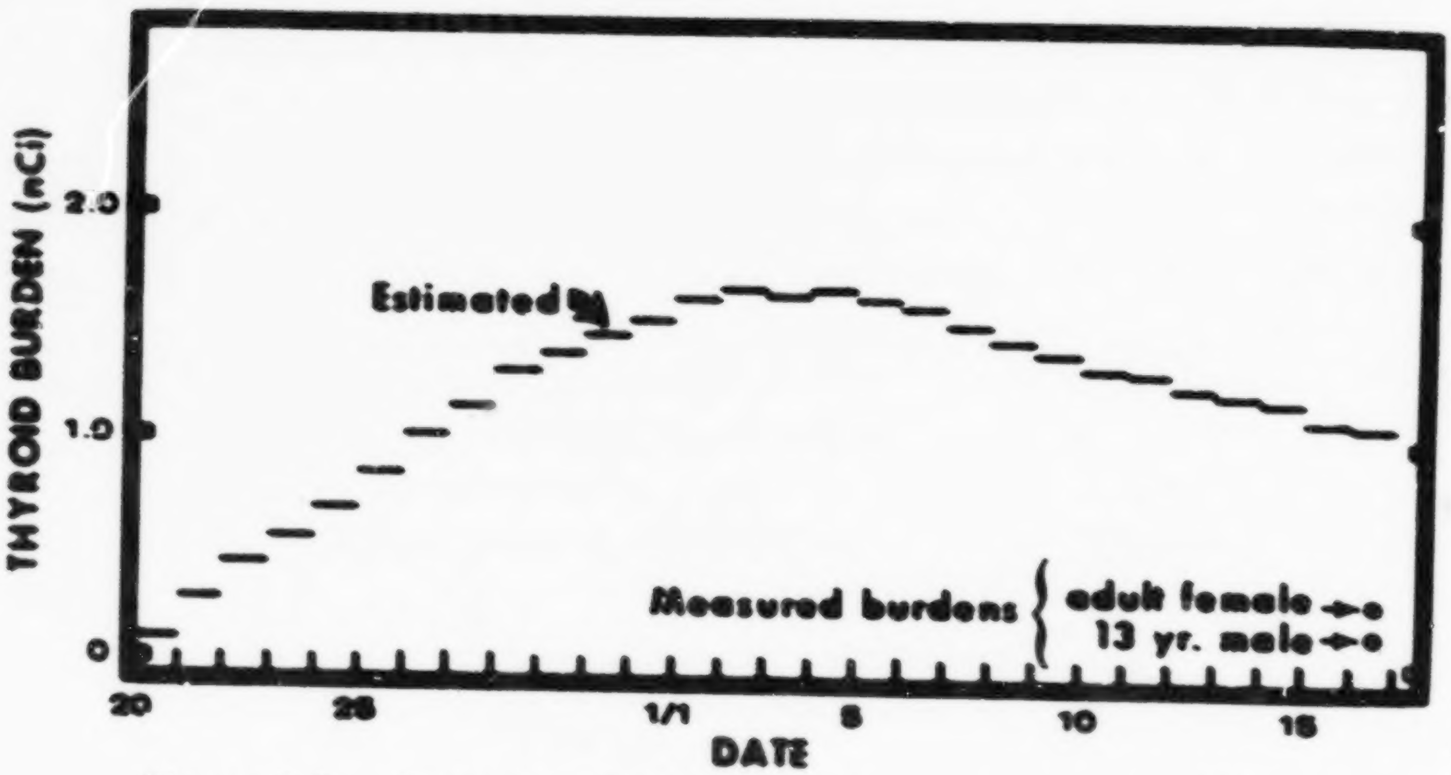

Figure B-1. Estimated and Measured Thyroid Burdens of ^{131}I at the McCurdy Ranch.

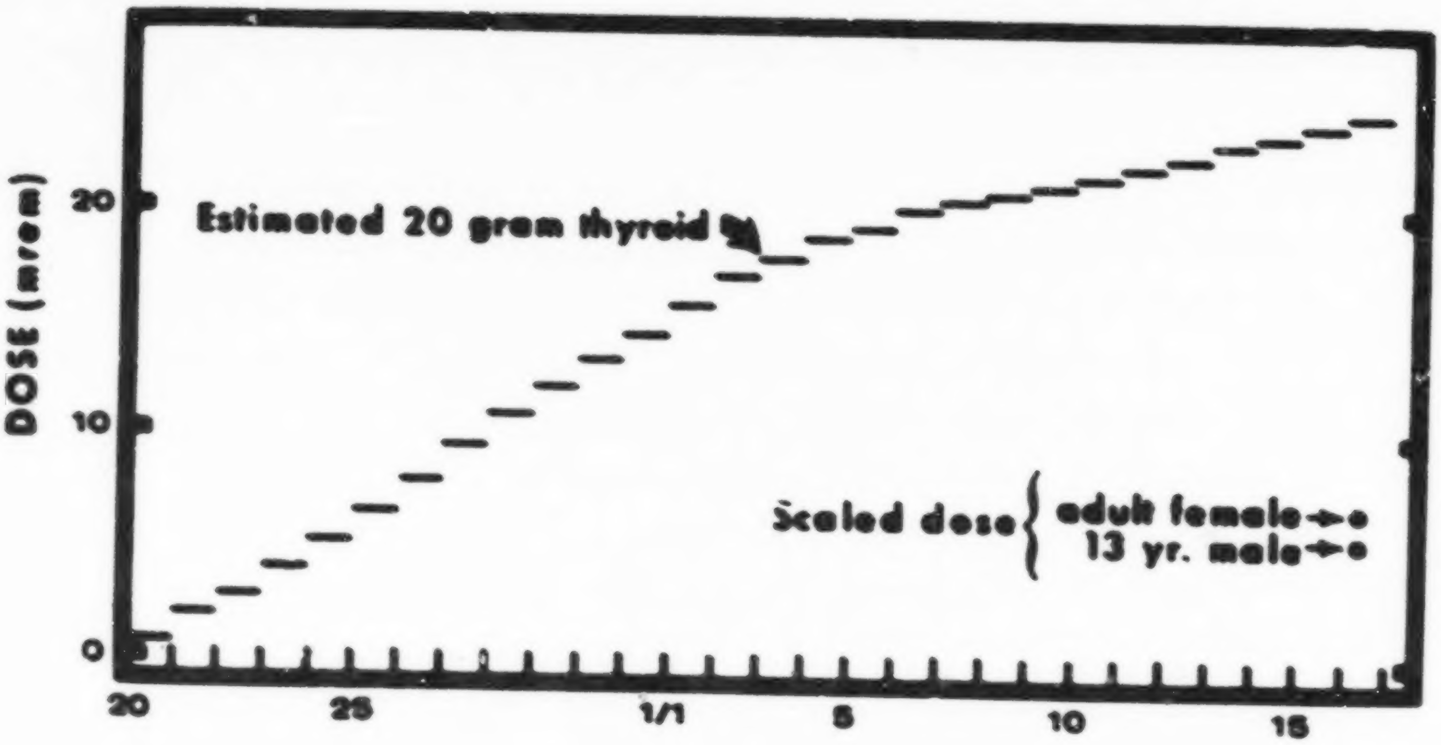

Figure B-2. Estimated and Scaled Thyroid Doses for an Adult at the McCurdy Ranch.

REFERENCES

1. "Basic Radiation Protection Criteria," Recommendations of National Council on Radiation Protection and Measurements, NCRD Report No. 39. 4201 Connecticut Avenue, N.W., Washington, D.C. January 15, 1971. p. 83.

2. "Recommendations of the International Commission on Radiological Protection - Report of Committee II on Permissible Dose for Internal Radiation." ICRP-2 Pergamon Press, New York, London, Paris, Los Angeles, 1959.

3. "Protection of the Public in the Event of Radiation Accidents." Proceedings of a seminar sponsored by FAO/UN, IAEA, and World Health Organization on 18 November 1963 at Geneva, Switzerland, 1965, p. 210.

4. "Background Material for the Development of Radiation Protection Standards." Staff Report No. 5 of the Federal Radiation Council. Superintendent of Documents, U. S. Government Printing Office, Washington, D.C. July 1964. pp. 14-16.

5. "Climatological Data," National Oceanic and Atmospheric Administration Monthly Summarized Station and Divisional Data, Nevada, Volume 85, No. 12. December 1970.

APPENDIX C

ENVIRONMENTAL SAMPLING RESULTS
(Extrapolated to end of collection period or collection time)

Printout Page

Milk

California 1
Colorado 12
Idaho 17
Nevada 23
Utah 41
Wyoming 49

Water

California 53
Nevada 55
Utah 65

Precipitation

California 68
Colorado 70
Idaho 71
Minnesota 72
Montana 73
Nevada 74
North Dakota 82
South Dakota 83
Utah 84
Wyoming 85

Air

Arkansas 86
California 87
Colorado 89
Idaho 91

Appendix C (continued)

	Printout Page
Air (continued)	
Missouri	94
Montana	95
Nevada	96
New Mexico	133
Oregon	134
South Dakota	135
Texas	136
Utah	137
Washington	143
Wyoming	144
Food Crops	
Nevada	145
Cow Feed	
California	146
Nevada	147
Utah	155
Vegetation	
California	157
Nevada	158
Utah	163

Note: Air samples listed for Clark Station, were actually collected at Stone Cabin Ranch, located about five miles north of Clark Station.

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BANEBERRY ACCUMULATIVE CALIFORNIA MILK RESULTS

LOCATION                                 LAB-NO.& 131I    133I    137CS   3H
                                         USE CODE PCI/L   PCI/L   PCI/L   PCI/L

AUBURN CALIF - LONE STAR DAIRY            95523   LT2E02  LT2E02  LT2E02  NA
    COLLECTED 12/19/70 0600  SIZE .400 L  SB
    89SR=LT5E00         90SR=0.3E01

AUBURN CALIF - LONE STAR DAIRY            95987   LT2E01  ND      LT2E01  NA
    COLLECTED 12/24/70 0600  SIZE 3.50 L  SB
    K=1.0E00

AUBURN CALIF - LONE STAR DAIRY            95968   LT2E01  ND      LT2E01  NA
    COLLECTED 12/26/70 0600  SIZE 3.50 L  SB
    K=1.1E00

BAKERSFIELD CALIF CARNATION CO            95695   LT2E01  LT2E01  LT2E01  NA
    COLLECTED 12/21/70 1800  SIZE 3.50 L  SB
    K=1.3E00

BAKERSFIELD CALIF CARNATION CO            95698   LT2E01  LT2E01  LT2E01  NA
    COLLECTED 12/22/70 0600  SIZE 3.50 L  SB
    K=1.0E00

BAKERSFIELD CALIF CARNATION CO            95707   LT2E01  LT2E01  LT2E01  NA
    COLLECTED 12/23/70 0600  SIZE 3.50 L  SB
    K=1.3E00

BAKERSFIELD CALIF CARNATION CO            95857   LT2E01  LT2E01  LT2E01  NA
    COLLECTED 12/24/70 0600  SIZE 3.50 L  SB
    K=1.4E00

BAKERSFIELD CALIF CARNATION CO            95845   LT2E01  LT2E01  LT2E01  LT4E0
    COLLECTED 12/25/70 0600  SIZE 3.50 L  SB
    K=1.4E00            89SR=LT5E00
    90SR=LT2E00

BAKERSFIELD CALIF CARNATION CO            96025   LT2E01  ND      LT2E01  NA
    COLLECTED 12/26/70 0600  SIZE 3.50 L  SB
    K=1.0E00

BAKERSFIELD CALIF CARNATION CO            96016   LT2E01  ND      LT2E01  NA
    COLLECTED 12/27/70 0600  SIZE 3.50 L  SB
    K=1.2E00

BAKERSFIELD CALIF CARNATION CO            96154   LT2E01  ND      LT2E01  NA
    COLLECTED 12/30/70 0600  SIZE 3.50 L  SB
    K=1.1E00

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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VE CALIFORNIA MILK RESULTS

                      LAB-NO.& 131I    133I    137CS    3H
                      USE CODE PCI/L   PCI/L   PCI/L    PCI/L

STAR DAIRY              95523   LT2E02  LT2E02  LT2E02   NA
70 0600  SIZE .400 L  SB
    90SR=0.3E01

STAR DAIRY              95987   LT2E01  ND      LT2E01   NA
70 0600  SIZE 3.50 L  SB


STAR DAIRY              95968   LT2E01  ND      LT2E01   NA
70 0600  SIZE 3.50 L  SB


RNATION CO              95695   LT2E01  LT2E01  LT2E01   NA
70 1800  SIZE 3.50 L  SB


RNATION CO              95698   LT2E01  LT2E01  LT2E01   NA
70 0600  SIZE 3.50 L  SB


RNATION CO              95707   LT2E01  LT2E01  LT2E01   NA
70 0600  SIZE 3.50 L  SB


RNATION CO              95857   LT2E01  LT2E01  LT2E01   NA
70 0600  SIZE 3.50 L  SB


NATION CO               95845   LT2E01  LT2E01  LT2E01   LT4E02
0 0600  SIZE 3.50 L  SB
    89SR=LT5E00


NATION CO               96025   LT2E01  ND      LT2E01   NA
0 0600  SIZE 3.50 L  SB


NATION CO               96016   LT2E01  ND      LT2E01   NA
0 0600  SIZE 3.50 L  SB


NATION CO               96154   LT2E01  ND      LT2E01   NA
0 0600  SIZE 3.50 L  SB


 NOTED, RESULTS ARE
ER UNIT OF SIZE,
RAMS PER UNIT OF SIZE.
X, ND=NOT DETECTED, NA=NO ANALYSIS

             PAGE    1
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2

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BANEBERRY ACCUMULATIVE CALIFORNIA MILK RESULTS

LOCATION                                  LAB-NO.& 131I    133I    137CS
                                          USE CODE PCI/L   PCI/L   PCI/L

FRESNO CALIF - HARPAIN'S DAIRY              95805   LT2E01  LT2E01  LT2E01
    COLLECTED 12/23/70 0600  SIZE 3.50 L  SB
    K=1.0E00

FRESNO CALIF - HARPAIN'S DAIRY              95794   LT2E01  LT2E01  LT2E01
    COLLECTED 12/24/70 0600  SIZE 3.50 L  SB
    K=1.2E00

FRESNO CALIF - HARPAIN'S DAIRY              96138   LT2E01  ND      LT2E01
    COLLECTED 12/29/70 0600  SIZE 3.50 L  SB
    K=1.2E00

FRESNO CALIF - HARPAIN'S DAIRY              96155   LT2E01  ND      LT2E01
    COLLECTED 12/30/70 0600  SIZE 3.50 L  SB
    K=1.2E00

FRESNO CALIF - HARPAIN'S DAIRY              96162   LT2E01  ND      LT2E01
    COLLECTED 12/31/70 0600  SIZE 2.60 L  SB
    K=1.3E00

FRESNO CALIF - HARPAIN'S DAIRY              96234   LT2E01  ND      LT2E01
    COLLECTED 01/01/71 0600  SIZE 3.50 L  SB
    K=1.1E00

FRESNO CALIF - HARPAIN'S DAIRY              96235   LT2E01  ND      LT2E01
    COLLECTED 01/02/71 0600  SIZE 3.50 L  SB
    K=1.1E00

FRESNO CALIF - HARPAIN'S DAIRY              96313   LT2E01  ND      LT2E01
    COLLECTED 01/04/71 0600  SIZE 2.50 L  SB
    K=1.4E00

FRESNO CALIF - HARPAIN'S DAIRY              96357   LT2E01  ND      LT2E01
    COLLECTED 01/05/71 0600  SIZE 3.50 L  SB
    K=1.3E00

FRESNO CALIF - ST COLLEGE CREAMERY          95321   LT1E01  LT1E01  LT1E01
    COLLECTED 12/21/70 0600  SIZE 3.50 L  SB
    K=1.2E00           89SR=LT5E00
    90SR=0.2E01

FRESNO CALIF - ST COLLEGE CREAMERY          95521   LT2E01  LT2E01  LT2E01
    COLLECTED 12/22/70 0600  SIZE 2.85 L  SB
    K=1.0E01

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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RRY ACCUMULATIVE CALIFORNIA MILK RESULTS

ON                                      LAB-NO.& 131I    133I    137CS    3H
                                        USE CODE PCI/L   PCI/L   PCI/L    PCI/L

 CALIF - HARPAIN'S DAIRY                  95805   LT2E01  LT2E01  LT2E01   NA
LLECTED 12/23/70 0600  SIZE 3.50 L  SB
.0E00

 CALIF - HARPAIN'S DAIRY                  95794   LT2E01  LT2E01  LT2E01   NA
LLECTED 12/24/70 0600  SIZE 3.50 L  SB
.2E00

 CALIF - HARPAIN'S DAIRY                  96138   LT2E01  ND      LT2E01   NA
LLECTED 12/29/70 0600  SIZE 3.50 L  SB
.2E00

 CALIF - HARPAIN'S DAIRY                  96155   LT2E01  ND      LT2E01   NA
LLECTED 12/30/70 0600  SIZE 3.50 L  SB
.2E00

 CALIF - HARPAIN'S DAIRY                  96162   LT2E01  ND      LT2E01   NA
LLECTED 12/31/70 0600  SIZE 2.60 L  SB
.3E00

 CALIF - HARPAIN'S DAIRY                  96234   LT2E01  ND      LT2E01   NA
LLECTED 01/01/71 0600  SIZE 3.50 L  SB
.1E00

 CALIF - HARPAIN'S DAIRY                  96235   LT2E01  ND      LT2E01   NA
LLECTED 01/02/71 0600  SIZE 3.50 L  SB
.1E00

 CALIF - HARPAIN'S DAIRY                  96313   LT2E01  ND      LT2E01   NA
LLECTED 01/04/71 0600  SIZE 2.50 L  SB
.4E00

 CALIF - HARPAIN'S DAIRY                  96357   LT2E01  ND      LT2E01   NA
LLECTED 01/05/71 0600  SIZE 3.50 L  ^3
.3E00

 CALIF - ST COLLEGE CREAMERY              95321   LT1E01  LT1E01  LT1E01   NA
LLECTED 12/21/70 0600  SIZE 3.50 L  SB
.2E00            89SR=LT5E00
R=0.2E01

 CALIF - ST COLLEGE CREAMERY              95521   LT2E01  LT2E01  LT2E01   NA
LLECTED 12/22/70 0600  SIZE 2.85 L  SB
.0E01

NLESS OTHERWISE NOTED, RESULTS ARE
N PICO-CURIES PER UNIT OF SIZE,
XCEPT K IS IN GRAMS PER UNIT OF SIZE.
T(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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2

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BANEBERRY ACCUMULATIVE CALIFORNIA MILK RESULTS

LOCATION                                     LAB-NO.& 131I     133I     137CS     3H
                                             USE CODE PCI/L    PCI/L    PCI/L     PCI/

FRESNO CALIF - ST COLLEGE CREAMERY             95697  LT2E01   LT2E01   LT2E01    NA
    COLLECTED 12/23/70 0600  SIZE 3.50 L  SB
    K=1.1E00

FRESNO CALIF - ST COLLEGE CREAMERY             95785  LT2E01   LT2E01   LT2E01    NA
    COLLECTED 12/24/70 0600  SIZE 3.50 L  SB
    K=1.4E00

FRESNO CALIF - ST COLLEGE CREAMERY             95959  LT2E01   ND       LT2E01    NA
    COLLECTED 12/25/70 0600  SIZE 3.50 L  SB
    K=1.3E00

FRESNO CALIF - ST COLLEGE CREAMERY             95986  LT2E01   ND       LT2E01    NA
    COLLECTED 12/26/70 0600  SIZE 3.50 L  SB
    K=1.1E00

FRESNO CALIF - ST COLLEGE CREAMERY             95964  LT2E01   ND       LT2E01    NA
    COLLECTED 12/27/70 0600  SIZE 3.50 L  SB
    K=1.0E00

HANFORD CALIF - SUPERIOR DAIRY PROD            95536  LT2E01   LT2E01   LT2E01    NA
    COLLECTED 12/20/70 1800  SIZE 3.50 L  SB
    K=1.2E00           89SR=LT5E00
    90SR=LT2E00

HANFORD CALIF - SUPERIOR DAIRY PROD            95806  LT2E01   LT2E01   LT2E01    NA
    COLLECTED 12/23/70 0600  SIZE 3.50 L  SB
    K=1.3E00

HANFORD CALIF - SUPERIOR DAIRY PROD            96033  LT2E01   ND       LT2E01    NA
    COLLECTED 12/27/70 1000  SIZE 3.50 L  SB
    K=1.2E00

HINKLEY CALIF - BILL NELSON DAIRY              95672  LT2E01   LT2E01   LT2E01    NA
    COLLECTED 12/23/70 1800  SIZE 3.50 L  6992
    K=1.0E00

HINKLEY CALIF - BILL NELSON DAIRY              95749  LT2E01   LT2E01   LT2E01    NA
    COLLECTED 12/24/70 0600  SIZE 3.50 L  6992
    K=1.0E00

INDEPENDENCE CALIF SMITH RANCH                 95676  LT2E01   LT2E01   LT2E01    NA
    COLLECTED 12/23/70 1800  SIZE 3.50 L  6992
    K=1.2E00

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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 ACCUMULATIVE CALIFORNIA MILK RESULTS

                                LAB-NO.& 131I    133I    137CS   3H
                                USE CODE PCI/L   PCI/L   PCI/L   PCI/L

LIF - ST COLLEGE CREAMERY        95697   LT2E01  LT2E01  LT2E01  NA
CTED 12/23/70 0600  SIZE 3.50 L  SB
E00

LIF - ST COLLEGE CREAMERY        95785   LT2E01  LT2E01  LT2E01  NA
CTED 12/24/70 0600  SIZE 3.50 L  SB
E00

LIF - ST COLLEGE CREAMERY        95959   LT2E01  ND      LT2E01  NA
CTED 12/25/70 0600  SIZE 3.50 L  SB
E00

LIF - ST COLLEGE CREAMERY        95986   LT2E01  ND      LT2E01  NA
CTED 12/26/70 0600  SIZE 3.50 L  SB
E00

LIF - ST COLLEGE CREAMERY        95964   LT2E01  ND      LT2E01  NA
CTED 12/27/70 0600  SIZE 3.50 L  SB
E00

ALIF - SUPERIOR DAIRY PROD       95536   LT2E01  LT2E01  LT2E01  NA
CTED 12/20/70 1800  SIZE 3.50 L  SB
E00          89SR=LT5E00
LT2E00

ALIF - SUPERIOR DAIRY PROD       95806   LT2E01  LT2E01  LT2E01  NA
CTED 12/23/70 0600  SIZE 3.50 L  SB
E00

ALIF - SUPERIOR DAIRY PROD       96033   LT2E01  ND      LT2E01  NA
CTED 12/27/70 1000  SIZE 3.50 L  SB
E00

LIF - BILL NELSON DAIRY          95672   LT2E01  LT2E01  LT2E01  NA
TED 12/23/70 1800  SIZE 3.50 L  6992
00

LIF - BILL NELSON DAIRY          95749   LT2E01  LT2E01  LT2E01  NA
TED 12/24/70 0600  SIZE 3.50 L  6992
00

CE CALIF SMITH RANCH             95676   LT2E01  LT2E01  LT2E01  NA
TED 12/23/70 1800  SIZE 3.50 L  6992
00

SS OTHERWISE NOTED, RESULTS ARE
ICO-CURIES PER UNIT OF SIZE,
PT K IS IN GRAMS PER UNIT OF SIZE.
)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS

                          PAGE    4
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2

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BANEBERRY ACCUMULATIVE CALIFORNIA MILK RESULTS

LOCATION
                                             LAB-NO.& 131I     133I     137CS     3H
                                             USE CODE PCI/L    PCI/L    PCI/L     PCI

INDEPENDENCE CALIF SMITH RANCH                 95673  LT2E01  LT2E01  LT2E01   NA
    COLLECTED 12/24/70 0600  SIZE 3.50 L   6992
    K=1.3E00

MADERA CALIF - MADERA QUALITY DAIRY            95647  LT2E01  LT2E01  LT2E01   NA
    COLLECTED 12/21/70 0600  SIZE 2.80 L   SB
    K=1.6E00              89SR=LT5E00
    90SR=0.7E01

MADERA CALIF - MADERA QUALITY DAIRY            95706  LT2E01  LT2E01  LT2E01   NA
    COLLECTED 12/22/70 0600  SIZE 3.50 L   SB
    K=1.3E00

MADERA CALIF - MADERA QUALITY DAIRY            95802  LT2E01  LT2E01  LT2E01   NA
    COLLECTED 12/23/70 0600  SIZE 3.50 L   SB
    K=1.7E00

MADERA CALIF - MADERA QUALITY DAIRY            96017  LT2E01  ND      LT2E01   NA
    COLLECTED 12/24/70 0600  SIZE 3.50 L   SB
    K=1.0E00

MADERA CALIF - MADERA QUALITY DAIRY            96083  LT2E00  ND      LT2E00   NA
    COLLECTED 12/25/70 0600  SIZE 3.50 L   SB
    K=1.0E00

MADERA CALIF - MADERA QUALITY DAIRY            96081  LT2E01  ND      LT2E01   NA
    COLLECTED 12/25/70 1800  SIZE 3.50 L   SB
    K=1.0E00

MADERA CALIF - MADERA QUALITY DAIRY            96024  LT2E01  ND      LT2E01   NA
    COLLECTED 12/27/70 0600  SIZE 3.50 L   SB
    K=1.1E00

MERCED CALIF - SUNSHINE DAIRY FARMS            95538  LT2E01  LT2E01  LT2E01   NA
    COLLECTED 12/20/70 1800  SIZE 3.50 L   SB
    K=1.0E00              89SR=LT5E00
    90SR=0.2E01

MERCED CALIF - SUNSHINE DAIRY FARMS            95653  LT2E01  LT2E01  LT2E01   NA
    COLLECTED 12/22/70 0600  SIZE 3.50 L   SB
    K=1.0E00

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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ACCUMULATIVE CALIFORNIA MILK RESULTS

                                    LAB-NO.& 131I    133I    137CS    3H
                                    USE CODE PCI/L   PCI/L   PCI/L    PCI/L
CE CALIF SMITH RANCH                 95673   LT2E01  LT2E01  LT2E01   NA
TED 12/24/70 0600  SIZE 3.50 L  6992
00

IF - MADERA QUALITY DAIRY            95647   LT2E01  LT2E01  LT2E01   NA
TED 12/21/70 0600  SIZE 2.80 L  SB
00           89SR=LT5E00
.7E01

IF - MADERA QUALITY DAIRY            95706   LT2E01  LT2E01  LT2E01   NA
TED 12/22/70 0600  SIZE 3.50 L  SB
00

IF - MADERA QUALITY DAIRY            95802   LT2E01  LT2E01  LT2E01   NA
TED 12/23/70 0600  SIZE 3.50 L  SB
00

IF - MADERA QUALITY DAIRY            96017   LT2E01  ND      LT2E01   NA
ED 12/24/70 0600  SIZE 3.50 L  SB
0

F - MADERA QUALITY DAIRY             96083   LT2E00  ND      LT2E00   NA
ED 12/25/70 0600  SIZE 3.50 L  SB
0

F - MADERA QUALITY DAIRY             96081   LT2E01  ND      LT2E01   NA
ED 12/25/70 1800  SIZE 3.50 L  SB
0

F - MADERA QUALITY DAIRY             96024   LT2E01  ND      LT2E01   NA
ED 12/27/70 0600  SIZE 3.50 L  SB
0

F - SUNSHINE DAIRY FARMS             95538   LT2E01  LT2E01  LT2E01   NA
ED 12/20/70 1800  SIZE 3.50 L  SB
0            89SR=LT5E00
2E01

 - SUNSHINE DAIRY FARMS              95653   LT2E01  LT2E01  LT2E01   NA
D 12/22/70 0600  SIZE 3.50 L  SB

 OTHERWISE NOTED, RESULTS ARE
O-CURIES PER UNIT OF SIZE,
 K IS IN GRAMS PER UNIT OF SIZE.
LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
```

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BANEBERRY ACCUMULATIVE CALIFORNIA MILK RESULTS

LOCATION                                  LAB-NO.& 131I    133I    137CS   3H
                                          USE CODE PCI/L   PCI/L   PCI/L   PCI/L

MERCED CALIF - SUNSHINE DAIRY FARMS        95680   LT2E01  LT2E01  LT2E01  NA
    COLLECTED 12/23/70 0600  SIZE 3.50 L  SB
    K=1.3E00

MERCED CALIF - SUNSHINE DAIRY FARMS        96066   LT2E01  ND      LT2E01  NA
    COLLECTED 12/25/70 0600  SIZE 3.50 L  SB
    K=1.0E00

MERCED CALIF - SUNSHINE DAIRY FARMS        96091   LT2E01  ND      LT2E01  NA
    COLLECTED 12/26/70 0600  SIZE 3.50 L  SB
    K=1.1E00

MERCED CALIF - SUNSHINE DAIRY FARMS        96015   LT2E01  ND      LT2E01  NA
    COLLECTED 12/27/70 1800  SIZE 3.50 L  SB
    K=1.5E00

MERCED CALIF - SUNSHINE DAIRY FARMS        96074   LT2E01  ND      LT2E01  NA
    COLLECTED 12/28/70 0600  SIZE 3.50 L  SB
    K=1.2E00

OLANCHA CALIF HUNTER RANCH                 95748   LT2E01  LT2E01  LT2E01  NA
    COLLECTED 12/24/70 0600  SIZE 3.50 L  6992
    K=1.0E00

REDDING CALIF - MCCOLL'S DAIRY PROD        95528   LT2E01  LT2E01  LT2E01  NA
    COLLECTED 12/20/70 1800  SIZE 3.50 L  SB
    K=1.1E00            89SR=LT5E00
    90SR=LT2E00

REDDING CALIF - MCCOLL'S DAIRY PROD        95644   LT2E01  LT2E01  LT2E01  NA
    COLLECTED 12/21/70 1800  SIZE 3.50 L  SB
    K=1.0E01

REDDING CALIF - MCCOLL'S DAIRY PROD        95854   LT2E01  LT2E01  LT2E01  NA
    COLLECTED 12/23/70 1800  SIZE 3.50 L  SB
    K=1.5E00

REDDING CALIF - MCCOLL'S DAIRY PROD        96127   LT2E01  ND      LT2E01  NA
    COLLECTED 12/24/70 1800  SIZE 3.50 L  SB
    K=1.2E00

REDDING CALIF - MCCOLL'S DAIRY PROD        96143   LT2E01  ND      LT2E01  NA
    COLLECTED 12/27/70 1800  SIZE 3.50 L  SB
    K=1.5E00

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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3

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BANEBERRY ACCUMULATIVE CALIFORNIA MILK RESULTS

LOCATION                                    LAB-NO.& 131I    133I    137CS    3H
                                            USE CODE PCI/L   PCI/L   PCI/L    PCI/L

SALINAS CALIF - BLUE RIBBON DAIRY            95534   LT2E01  LT2E01  LT2E01   NA
    COLLECTED 12/21/70 0600  SIZE 3.50 L  SB
    K=1.0E01           89SR=LT5E00
    90SR=0.2E01

SALINAS CALIF - BLUE RIBBON DAIRY            95810   LT2E01  LT2E01  LT2E01   NA
    COLLECTED 12/23/70 0600  SIZE 3.50 L  SB
    K=1.0E00

SALINAS CALIF - BLUE RIBBON DAIRY            95727   LT2E01  LT2E01  LT2E01   NA
    COLLECTED 12/23/70 0600  SIZE 3.20 L  SB
    K=1.3E00           89SR=LT5E00
    90SR=0.2E01

SALINAS CALIF - BLUE RIBBON DAIRY            96126   LT2E01  ND      LT2E01   NA
    COLLECTED 12/29/70 0600  SIZE 3.50 L  SB
    K=1.0E00

SALINAS CALIF - BLUE RIBBON DAIRY            96111   LT2E01  ND      LT2E01   NA
    COLLECTED 12/29/70 1000  SIZE 3.50 L  SB
    K=1.5E00

SAN LUIS OBISPO CALIF - FOREMOST DAIRY  95537   LT2E01  LT2E01  LT2E01   NA
    COLLECTED 12/21/70 1800  SIZE 3.50 L  SB
    K=1.2E00           89SR=LT5E00
    90SR=0.4E01

SAN LUIS OBISPO CALIF - FOREMOST DAIRY  95654   LT2E01  LT2E01  LT2E01   NA
    COLLECTED 12/22/70 0600  SIZE 3.50 L  SB
    K=1.5E00

SAN LUIS OBISPO CALIF - FOREMOST DAIRY  95679   LT2E01  LT2E01  LT2E01   NA
    COLLECTED 12/23/70 0600  SIZE 3.50 L  SB
    K=1.2E00

SAN LUIS OBISPO CALIF - FOREMOST DAIRY  95860   LT2E01  LT2E01  LT2E01   NA
    COLLECTED 12/24/70 0600  SIZE 3.50 L  SB
    K=1.0E00

SAN LUIS OBISPO CALIF - FOREMOST DAIRY  96069   LT2E01  ND      LT2E01   NA
    COLLECTED 12/25/70 0600  SIZE 3.50 L  SB
    K=1.0E00

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
     IN PICO-CURIES PER UNIT OF SIZE,
     EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
     LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
```

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ACCUMULATIVE CALIFORNIA MILK RESULTS

                               LAB-NO.& 131I    133I    137CS   3H
                               USE CODE PCI/L   PCI/L   PCI/L   PCI/L

LIF - BLUE RIBBON DAIRY          95534   LT2E01  LT2E01  LT2E01  NA
TED 12/21/70 0600  SIZE 3.50 L  SB
01            89SR=LT5E00
.2E01

LIF - BLUE RIBBON DAIRY          95810   LT2E01  LT2E01  LT2E01  NA
TED 12/23/70 0600  SIZE 3.50 L  SB
00

LIF - BLUE RIBBON DAIRY          95727   LT2E01  LT2E01  LT2E01  NA
TED 12/23/70 0600  SIZE 3.20 L  SB
00            89SR=LT5E00
.2E01

LIF - BLUE RIBBON DAIRY          96126   LT2E01  ND      LT2E01  NA
TED 12/29/70 0600  SIZE 3.50 L  SB
00

LIF - BLUE RIBBON DAIRY          96111   LT2E01  ND      LT2E01  NA
TED 12/29/70 1000  SIZE 3.50 L  SB
00

BISPO CALIF - FOREMOST DAIRY  95537   LT2E01  LT2E01  LT2E01  NA
TED 12/21/70 1800  SIZE 3.50 L  SB
00            89SR=LT5E00
.4E01

BISPO CALIF - FOREMOST DAIRY  95654   LT2E01  LT2E01  LT2E01  NA
TED 12/22/70 0600  SIZE 3.50 L  SB
00

BISPO CALIF - FOREMOST DAIRY  95679   LT2E01  LT2E01  LT2E01  NA
TED 12/23/70 0600  SIZE 3.50 L  SB
00

BISPO CALIF - FOREMOST DAIRY  95860   LT2E01  LT2E01  LT2E01  NA
TED 12/24/70 0600  SIZE 3.50 L  SB
00

BISPO CALIF - FOREMOST DAIRY  96069   LT2E01  ND      LT2E01  NA
ED 12/25/70 0600  SIZE 3.50 L  SB
0

S OTHERWISE NOTED, RESULTS ARE
CO-CURIES PER UNIT OF SIZE,
T K IS IN GRAMS PER UNIT OF SIZE.
=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE CALIFORNIA MILK RESULTS

LOCATION                                   LAB-NO.& 131I    133I    137CS   3H
                                           USE CODE PCI/L   PCI/L   PCI/L   PCI/L

SAN LUIS OBISPO CALIF - FOREMOST DAIRY      96035   LT2E01  ND      LT2E01  NA
    COLLECTED 12/26/70 0600  SIZE 3.50 L  SB
    K=1.1E00

SAN LUIS OBISPO CALIF - FOREMOST DAIRY      96022   LT2E01  ND      LT2E01  NA
    COLLECTED 12/27/70 0600  SIZE 3.50 L  SB
    K=1.4E00

SANTA CLARA CALIF - EDELWEISS DAIRIES       95961   LT2E01  ND      LT2E01  NA
    COLLECTED 12/22/70 0600  SIZE 3.50 L  SB
    K=1.3E00            89SR=LT5E00
    90SR=LT2E00

SANTA CLARA CALIF - EDELWEISS DAIRIES       96380   LT1E02  ND      LT1E02  NA
    COLLECTED 12/23/70 0600  SIZE .400 L  SB

SANTA CLARA CALIF - EDELWEISS DAIRIES       95979   LT1E02  ND      LT1E02  NA
    COLLECTED 12/24/70 0600  SIZE .400 L  SB

SANTA CLARA CALIF - EDELWEISS DAIRIES       96145   LT2E01  ND      LT2E01  NA
    COLLECTED 12/24/70 0600  SIZE 3.50 L  SB
    K=1.2E00

SANTA CLARA CALIF - EDELWEISS DAIRIES       96382   LT2E01  ND      LT2E01  NA
    COLLECTED 12/26/70 0600  SIZE 2.30 L  SB
    K=1.4E00

SANTA CLARA CALIF - EDELWEISS DAIRIES       96381   LT2E01  ND      LT2E01  NA
    COLLECTED 12/28/70 0600  SIZE 3.50 L  SB
    K=1.4E00

SANTA ROSA CALIF - ARLINGTON FARMS           95723   LT2E01  LT2E01  LT2E01  NA
    COLLECTED 12/21/70 0600  SIZE 3.50 L  SB
    K=1.3E00            89SR=LT5E00
    90SR=0.3E01

SANTA ROSA CALIF - ARLINGTON FARMS           95722   LT2E01  LT2E01  LT2E01  NA
    COLLECTED 12/22/70 0600  SIZE 3.50 L  SB
    K=1.3E00

SANTA ROSA CALIF - ARLINGTON FARMS           96137   LT2E01  ND      LT2E01  NA
    COLLECTED 12/23/70 1800  SIZE 3.50 L  SB
    K=1.0E00

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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CUMULATIVE CALIFORNIA MILK RESULTS

                          LAB-NO.& 131I    133I    137CS   3H
                          USE CODE PCI/L   PCI/L   PCI/L   PCI/L

SPO CALIF - FOREMOST DAIRY  96035   LT2E01  ND      LT2E01  NA
D 12/26/70 0600  SIZE 3.50 L  SB


SPO CALIF - FOREMOST DAIRY  96022   LT2E01  ND      LT2E01  NA
D 12/27/70 0600  SIZE 3.50 L  SB


CALIF - EDELWEISS DAIRIES   95961   LT2E01  ND      LT2E01  NA
D 12/22/70 0600  SIZE 3.50 L  SB
           89SR=LT5E00
E00

CALIF - EDELWEISS DAIRIES   96380   LT1E02  ND      LT1E02  NA
D 12/23/70 0600  SIZE .400 L  SB

CALIF - EDELWEISS DAIRIES   95979   LT1E02  ND      LT1E02  NA
D 12/24/70 0600  SIZE .400 L  SB

CALIF - EDELWEISS DAIRIES   96145   LT2E01  ND      LT2E01  NA
D 12/24/70 0600  SIZE 3.50 L  SB


CALIF - EDELWEISS DAIRIES   96382   LT2E01  ND      LT2E01  NA
D 12/26/70 0600  SIZE 2.30 L  SB


CALIF - EDELWEISS DAIRIES   96381   LT2E01  ND      LT2E01  NA
D 12/28/70 0600  SIZE 3.50 L  SB


ALIF - ARLINGTON FARMS      95723   LT2E01  LT2E01  LT2E01  NA
D 12/21/70 0600  SIZE 3.50 L  SB
           89SR=LT5E00
E01

ALIF - ARLINGTON FARMS      95722   LT2E01  LT2E01  LT2E01  NA
D 12/22/70 0600  SIZE 3.50 L  SB


ALIF - ARLINGTON FARMS      96137   LT2E01  ND      LT2E01  NA
D 12/23/70 1800  SIZE 3.50 L  SB


 OTHERWISE NOTED, RESULTS ARE
O-CURIES PER UNIT OF SIZE,
 K IS IN GRAMS PER UNIT OF SIZE.
LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE CALIFORNIA MILK RESULTS

LOCATION                                  LAB-NO.& 131I    133I    137CS   3H
                                          USE CODE PCI/L   PCI/L   PCI/L   PCI/

SANTA ROSA CALIF - ARLINGTON FARMS         96133   LT2E01  ND      LT2E01  NA
    COLLECTED 12/25/70 0600  SIZE 3.50 L  SB
    K=1.0E00

SANTA ROSA CALIF - ARLINGTON FARMS         96129   LT2E01  ND      LT2E01  NA
    COLLECTED 12/26/70 0600  SIZE 3.50 L  SB
    K=1.4E00

SANTA ROSA CALIF - ARLINGTON FARMS         96142   LT2E01  ND      LT2E01  NA
    COLLECTED 12/27/70 0600  SIZE 3.50 L  SB
    K=1.2E00

SANTA ROSA CALIF - BURBANK DAIRY           95319   LT2E01  LT2E01  LT2E01  NA
    COLLECTED 12/20/70 0600  SIZE 3.00 L  SB
    K=1.2E00            89SR=LT5E00
    90SR=0.6E01

SANTA ROSA CALIF - BURBANK DAIRY           95318   LT2E01  LT2E01  LT2E01  NA
    COLLECTED 12/21/70 0600  SIZE 3.50 L  SB
    K=1.0E00

SANTA ROSA CALIF - BURBANK DAIRY           95651   LT2E01  LT2E01  LT2E01  NA
    COLLECTED 12/22/70 0600  SIZE 2.50 L  SB
    K=1.3E00

SANTA ROSA CALIF - BURBANK DAIRY           95657   LT2E01  LT2E01  LT2E01  NA
    COLLECTED 12/23/70 0600  SIZE 3.50 L  SB
    K=1.1E00

SANTA ROSA CALIF - BURBANK DAIRY           96132   LT3E01  ND      LT3E01  8.8E
    COLLECTED 12/28/70 0600  SIZE 2.30 L  SB
    K=1.5E00            89SR=LT5E00
    90SR=LT2E00

SANTA ROSA CALIF - BURBANK DAIRY           96139   LT2E01  ND      LT2E01  NA
    COLLECTED 12/29/70 0600  SIZE 3.20 L  SB
    K=1.6E00

SANTA ROSA CALIF - BURBANK DAIRY           96160   LT2E01  ND      LT2E01  NA
    COLLECTED 12/30/70 0600  SIZE 3.50 L  SB
    K=1.5E00

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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ACCUMULATIVE CALIFORNIA MILK RESULTS

                                  LAB-NO.& 131I     133I     137CS    3H
                                  USE CODE PCI/L    PCI/L    PCI/L    PCI/L

 CALIF - ARLINGTON FARMS           96133   LT2E01   ND       LT2E01   NA
TED 12/25/70 0600  SIZE 3.50 L  SB
00

 CALIF - ARLINGTON FARMS           96129   LT2E01   ND       LT2E01   NA
TED 12/26/70 0600  SIZE 3.50 L  SB
00

 CALIF - ARLINGTON FARMS           96142   LT2E01   ND       LT2E01   NA
TED 12/27/70 0600  SIZE 3.50 L  SB
00

 CALIF - BURBANK DAIRY             95319   LT2E01   LT2E01   LT2E01   NA
TED 12/20/70 0600  SIZE 3.00 L  SB
00            89SR=LT5E00
.6E01

 CALIF - BURBANK DAIRY             95318   LT2E01   LT2E01   LT2E01   NA
TED 12/21/70 0600  SIZE 3.50 L  SB
00

 CALIF - BURBANK DAIRY             95651   LT2E01   LT2E01   LT2E01   NA
TED 12/22/70 0600  SIZE 2.50 L  SB
00

 CALIF - BURBANK DAIRY             95657   LT2E01   LT2E01   LT2E01   NA
TED 12/23/70 0600  SIZE 3.50 L  SB
00

 CALIF - BURBANK DAIRY             96132   LT3E01   ND       LT3E01   8.8E02
TED 12/28/70 0600  SIZE 2.30 L  SB
00            89SR=LT5E00
T2E00

 CALIF - BURBANK DAIRY             96139   LT2E01   ND       LT2E01   NA
TED 12/29/70 0600  SIZE 3.20 L  SB
00

 CALIF - BURBANK DAIRY             96160   LT2E01   ND       LT2E01   NA
TED 12/30/70 0600  SIZE 3.50 L  SB
00

SS OTHERWISE NOTED, RESULTS ARE
ICO-CURIES PER UNIT OF SIZE,
PT K IS IN GRAMS PER UNIT OF SIZE.
=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE CALIFORNIA MILK RESULTS

LOCATION                                  LAB-NO.& 131I    133I    137CS   3H
                                          USE CODE PCI/L   PCI/L   PCI/L   PCI/L

SANTA ROSA CALIF - BURBANK DAIRY           96279   LT2E01  ND      LT2E01  NA
    COLLECTED 12/31/70 0600  SIZE 3.00 L  SB
    K=1.0E00

SANTA ROSA CALIF - BURBANK DAIRY           96280   LT2E01  ND      LT2E01  NA
    COLLECTED 01/01/71 0600  SIZE 3.00 L  SB
    K=1.3E00

SANTA ROSA CALIF - BURBANK DAIRY           96281   LT2E01  ND      LT2E01  NA
    COLLECTED 01/02/71 0600  SIZE 3.50 L  SB
    K=1.2E00

SANTA ROSA CALIF - BURBANK DAIRY           96282   LT2E01  ND      LT2E01  NA
    COLLECTED 01/03/71 0600  SIZE 3.00 L  SB
    K=1.2E00

STOCKTON CALIF - LUCKY MILK + ICE CRM      96152   LT2E01  ND      LT2E01  NA
    COLLECTED 12/29/70 0400  SIZE 3.50 L  SB
    K=1.4E00            89SR=LT5E00
    90SR=LT2E00

TRACY CALIF - DEUEL VOC INST               95527   LT2E01  LT2E01  LT2E01  NA
    COLLECTED 12/21/70 0600  SIZE 3.50 L  SB
    K=1.1E00            89SR=LT5E00
    90SR=0.3E01

TRACY CALIF - DEUEL VOC INST               95712   LT2E01  LT2E01  LT2E01  NA
    COLLECTED 12/22/70 0600  SIZE 3.50 L  SB
    K=1.2E00

TRACY CALIF - DEUEL VOC INST               95681   LT2E01  LT2E01  LT2E01  NA
    COLLECTED 12/23/70 0600  SIZE 3.50 L  SB
    K=1.4E00

TRACY CALIF - DEUEL VOC INST               95808   LT2E01  LT2E01  LT2E01  NA
    COLLECTED 12/24/70 0600  SIZE 3.50 L  SB
    K=1.3E00

TRACY CALIF - DEUEL VOC INST               96090   LT2E01  ND      LT2E01  NA
    COLLECTED 12/25/70 0600  SIZE 3.50 L  SB
    K=1.1E00

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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CCUMULATIVE CALIFORNIA MILK RESULTS

                               LAB-NO.& 131I    133I    137CS   3H
                               USE CODE PCI/L   PCI/L   PCI/L   PCI/L

CALIF - BURBANK DAIRY            96279  LT2E01  ND      LT2E01  NA
ED 12/31/70 0600  SIZE 3.00 L  SB
0

CALIF - BURBANK DAIRY            96280  LT2E01  ND      LT2E01  NA
ED 01/01/71 0600  SIZE 3.00 L  SB
0

CALIF - BURBANK DAIRY            96281  LT2E01  ND      LT2E01  NA
ED 01/02/71 0600  SIZE 3.50 L  SB
0

CALIF - BURBANK DAIRY            96282  LT2E01  ND      LT2E01  NA
ED 01/03/71 0600  SIZE 3.00 L  SB
0

LIF - LUCKY MILK + ICE CRM       96152  LT2E01  ND      LT2E01  NA
ED 12/29/70 0400  SIZE 3.50 L  SB
0          89SR=LT5E00
2E00

 - DEUEL VOC INST                95527  LT2E01  LT2E01  LT2E01  NA
ED 12/21/70 0600  SIZE 3.50 L  SB
0          89SR=LT5E00
3E01

 - DEUEL VOC INST                95712  LT2E01  LT2E01  LT2E01  NA
ED 12/22/70 0600  SIZE 3.50 L  SB
0

 - DEUEL VOC INST                95681  LT2E01  LT2E01  LT2E01  NA
ED 12/23/70 0600  SIZE 3.50 L  SB
0

 - DEUEL VOC INST                95808  LT2E01  LT2E01  LT2E01  NA
ED 12/24/70 0600  SIZE 3.50 L  SB
0

 - DEUEL VOC INST                96090  LT2E01  ND      LT2E01  NA
ED 12/25/70 0600  SIZE 3.50 L  SB
0

S OTHERWISE NOTED, RESULTS ARE
CO-CURIES PER UNIT OF SIZE,
T K IS IN GRAMS PER UNIT OF SIZE.
=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE CALIFORNIA MILK RESULTS

LOCATION                                  LAB-NO.& 131I    133I    137CS   3
                                          USE CODE PCI/L   PCI/L   PCI/L   P

TRACY CALIF - DEUEL VOC INST               96084   LT2E01  ND      LT2E01  NA
    COLLECTED 12/25/70 0600  SIZE 3.50 L  SB
    K=1.0E00

TRACY CALIF - DEUEL VOC INST               96094   LT2E01  ND      LT2E01  NA
    COLLECTED 12/27/70 1800  SIZE 3.50 L  SB
    K=1.1E00

WEED CALIF - MEDO-BEL CREAMERY             95809   LT2E01  LT2E01  LT2E01  NA
    COLLECTED 12/21/70 0600  SIZE 3.50 L  SB
    K=1.1E00          89SR=LT5E00
    90SR=0.4E01

WEED CALIF - MEDO-BEL CREAMERY             95811   LT2E01  LT2E01  LT2E01  NA
    COLLECTED 12/23/70 0600  SIZE 3.50 L  SB
    K=1.3E00

WEED CALIF - MEDO-BEL CREAMERY             96112   LT2E01  ND      LT2E01  NA
    COLLECTED 12/27/70 0600  SIZE 3.50 L  SB
    K=1.2E00

WEED CALIF - MEDO-BEL CREAMERY             96153   LT2E01  ND      LT2E01  NA
    COLLECTED 12/30/70 1800  SIZE 3.50 L  SB
    K=1.2E00

WEED CALIF - MEDO-BEL CREAMERY             96311   LT2E01  ND      LT2E01  NA
    COLLECTED 01/01/71 0600  SIZE 3.50 L  SB
    K=1.3E00

WEED CALIF - MEDO-BEL CREAMERY             96312   LT2E01  ND      LT2E01  NA
    COLLECTED 01/04/71 1800  SIZE 3.50 L  SB
    K=1.2E00

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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RRY ACCUMULATIVE CALIFORNIA MILK RESULTS

ON                                         LAB-NO.& 131I     133I     137CS    3H
                                           USE CODE PCI/L    PCI/L    PCI/L    PCI/L

CALIF - DEUEL VOC INST                       96084  LT2E01   ND       LT2E01   NA
LLECTED 12/25/70 0600  SIZE 3.50 L  SB
1.0E00

CALIF - DEUEL VOC INST                       96094  LT2E01   ND       LT2E01   NA
LLECTED 12/27/70 1800  SIZE 3.50 L  SB
1.1E00

ALIF - MEDO-BEL CREAMERY                     95809  LT2E01   LT2E01   LT2E01   NA
LLECTED 12/21/70 0600  SIZE 3.50 L  SB
1.1E00           89SR=LT5E00
SR=0.4E01

ALIF - MEDO-BEL CREAMERY                     95811  LT2E01   LT2E01   LT2E01   NA
LLECTED 12/23/70 0600  SIZE 3.50 L  SB
1.3E00

ALIF - MEDO-BEL CREAMERY                     96112  LT2E01   ND       LT2E01   NA
LLECTED 12/27/70 0600  SIZE 3.50 L  SB
1.2E00

ALIF - MEDO-BEL CREAMERY                     96153  LT2E01   ND       LT2E01   NA
LLECTED 12/30/70 1800  SIZE 3.50 L  SB
1.2E00

ALIF - MEDO-BEL CREAMERY                     96311  LT2E01   ND       LT2E01   NA
LLECTED 01/01/71 0600  SIZE 3.50 L  SB
1.3E00

ALIF - MEDO-BEL CREAMERY                     96312  LT2E01   ND       LT2E01   NA
LLECTED 01/04/71 1800  SIZE 3.50 L  SB
1.2E00

UNLESS OTHERWISE NOTED, RESULTS ARE
IN PICO-CURIES PER UNIT OF SIZE,
EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE COLORADO MILK RESULTS

LOCATION                                  LAB-NO.& 131I    133I    137CS    3H
                                          USE CODE PCI/L   PCI/L   PCI/L    PCI/L

COLORADO SPGS COLO - SINTON DAIRY CO        95787   LT2E01  LT2E01  LT2E01   NA
    COLLECTED 12/21/70 1800  SIZE 3.50 L  SB
    K=1.5E00            89SR=LT5E00
    90SR=0.3E01

COLORADO SPGS COLO - SINTON DAIRY CO        96135   LT2E01  ND      LT2E01   NA
    COLLECTED 12/23/70 0600  SIZE 3.50 L  SB
    K=1.2E00

COLORADO SPGS COLO - SINTON DAIRY CO        96119   LT2E01  ND      LT2E01   NA
    COLLECTED 12/24/70 0800  SIZE 3.50 L  SB
    K=1.2E00

COLORADO SPGS COLO - SINTON DAIRY CO        96144   LT2E01  ND      LT2E01   NA
    COLLECTED 12/25/70 0600  SIZE 3.50 L  SB
    K=1.2E00

COLORADO SPGS COLO - SINTON DAIRY CO        96110   LT2E01  ND      LT2E01   NA
    COLLECTED 12/26/70 0600  SIZE 3.50 L  SB
    K=1.4E00

COLORADO SPGS COLO - SINTON DAIRY CO        96118   LT2E01  ND      LT2E01   NA
    COLLECTED 12/27/70 0600  SIZE 3.50 L  SB
    K=1.0E00

COLORADO SPGS COLO - SINTON DAIRY CO        96130   LT2E01  ND      LT2E01   NA
    COLLECTED 12/28/70 0600  SIZE 3.50 L  SB
    K=1.1E00

CRAIG COLO - YAMPA VALLEY DAIRY             95791   LT2E01  LT2E01  LT2E01   NA
    COLLECTED 12/19/70 0600  SIZE 3.50 L  SB
    K=1.3E00            89SR=LT5E00
    90SR=0.5E01

CRAIG COLO - YAMPA VALLEY DAIRY             96482   LT2E01  ND      LT2E01   NA
    COLLECTED 01/03/71 1100  SIZE 3.50 L  SB
    K=1.3E00

CRAIG COLO - YAMPA VALLEY DAIRY             96387   LT2E01  ND      LT2E01   NA
    COLLECTED 01/07/71 0500  SIZE 3.50 L  SB
    K=1.2E00

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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CUMULATIVE COLORADO MILK RESULTS

                                   LAB-NO.& 131I     133I     137CS    3H
                                   USE CODE PCI/L    PCI/L    PCI/L    PCI/L

S COLO - SINTON DAIRY CO     95787    LT2E01   LT2E01   LT2E01   NA
D 12/21/70 1800  SIZE 3.50 L  SB
              89SR=LT5E00
E01

S COLO - SINTON DAIRY CO     96135    LT2E01   ND       LT2E01   NA
D 12/23/70 0600  SIZE 3.50 L  SB

S COLO - SINTON DAIRY CO     96119    LT2E01   ND       LT2E01   NA
D 12/24/70 0800  SIZE 3.50 L  SB

S COLO - SINTON DAIRY CO     96144    LT2E01   ND       LT2E01   NA
D 12/25/70 0600  SIZE 3.50 L  SB

S COLO - SINTON DAIRY CO     96110    LT2E01   ND       LT2E01   NA
D 12/26/70 0600  SIZE 3.50 L  SB

S COLO - SINTON DAIRY CO     96118    LT2E01   ND       LT2E01   NA
D 12/27/70 0600  SIZE 3.50 L  SB

S COLO - SINTON DAIRY CO     96130    LT2E01   ND       LT2E01   NA
D 12/28/70 0600  SIZE 3.50 L  SB

 YAMPA VALLEY DAIRY          95791    LT2E01   LT2E01   LT2E01   NA
D 12/19/70 0600  SIZE 3.50 L  SB
              89SR=LT5E00
E01

 YAMPA VALLEY DAIRY          96482    LT2E01   ND       LT2E01   NA
D 01/03/71 1100  SIZE 3.50 L  SB

 YAMPA VALLEY DAIRY          96387    LT2E01   ND       LT2E01   NA
D 01/07/71 0500  SIZE 3.50 L  SB

 OTHERWISE NOTED, RESULTS ARE
O-CURIES PER UNIT OF SIZE,
 K IS IN GRAMS PER UNIT OF SIZE.
LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE COLORADO MILK RESULTS

LOCATION                                    LAB-NO.& 131I    133I    137CS   3H
                                            USE CODE PCI/L   PCI/L   PCI/L   PC

CRAIG COLO - YAMPA VALLEY DAIRY              96483   LT2E01  ND      LT2E01  NA
    COLLECTED 01/08/71 1000  SIZE 3.50 L  SB
    K=1.5E00

CRAIG COLO - YAMPA VALLEY DAIRY              96527   LT2E01  ND      LT2E01  NA
    COLLECTED 01/10/71 0600  SIZE 3.50 L  SB
    K=1.4E00

CRAIG COLO - YAMPA VALLEY DAIRY              96675   LT2E01  ND      LT2E01  NA
    COLLECTED 01/11/71 1100  SIZE 3.50 L  SB
    K=1.2E00

CRAIG COLO - YAMPA VALLEY DAIRY              96774   LT1E01  ND      LT1E01  NA
    COLLECTED 01/17/71 0600  SIZE 3.50 L  SB
    K=1.3E00

DURANGO COLO - CLOVER RICH DAIRY             95529   LT2E02  LT2E02  LT2E02  NA
    COLLECTED 12/20/70 1800  SIZE .400 L  SB
    K=1.9E00            89SR=LT5E00
    90SR=0.6E01

DURANGO COLO - CLOVER RICH DAIRY             96037   LT2E01  ND      LT2E01  NA
    COLLECTED 12/26/70 0600  SIZE 3.50 L  SB
    K=1.7E00

FT COLLINS COLO - POUDRE VALLEY DAIRY        95804   LT2E01  LT2E01  LT2E01  NA
    COLLECTED 12/21/70 0600  SIZE 3.50 L  SB
    K=1.0E00

FT COLLINS COLO - POUDRE VALLEY DAIRY        95978   LT2E01  ND      LT2E01  NA
    COLLECTED 12/22/70 0600  SIZE 3.50 L  SB
    K=1.4E00

FT COLLINS COLO - POUDRE VALLEY DAIRY        95789   LT2E01  LT2E01  LT2E01  NA
    COLLECTED 12/22/70 0600  SIZE 3.50 L  SB
    K=1.3E00            89SR=LT5E00
    90SR=0.4E01

FT COLLINS COLO - POUDRE VALLEY DAIRY        96036   LT2E01  ND      LT2E01  NA
    COLLECTED 12/23/70 0600  SIZE 3.50 L  SB
    K=1.2E00

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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CUMULATIVE COLORADO MILK RESULTS

                                LAB-NO.& 131I     133I     137CS    3H
                                USE CODE PCI/L    PCI/L    PCI/L    PCI/L

 YAMPA VALLEY DAIRY              96483   LT2E01   ND       LT2E01   NA
D 01/08/71 1000  SIZE 3.50 L  SB


 YAMPA VALLEY DAIRY              96527   LT2E01   ND       LT2E01   NA
D 01/10/71 0600  SIZE 3.50 L  SB


 YAMPA VALLEY DAIRY              96675   LT2E01   ND       LT2E01   NA
D 01/11/71 1100  SIZE 3.50 L  SB


 YAMPA VALLEY DAIRY              96774   LT1E01   ND       LT1E01   NA
D 01/17/71 0600  SIZE 3.50 L  SB


 - CLOVER RICH DAIRY             95529   LT2E02   LT2E02   LT2E02   NA
D 12/20/70 1800  SIZE .400 L  SB
              89SR=LT5E00
E01

 - CLOVER RICH DAIRY             96037   LT2E01   ND       LT2E01   NA
D 12/26/70 0600  SIZE 3.50 L  SB


OLO - POUDRE VALLEY DAIRY        95804   LT2E01   LT2E01   LT2E01   NA
D 12/21/70 0600  SIZE 3.50 L  SB


OLO - POUDRE VALLEY DAIRY        95978   LT2E01   ND       LT2E01   NA
D 12/22/70 0600  SIZE 3.50 L  SB


OLO - POUDRE VALLEY DAIRY        95789   LT2E01   LT2E01   LT2E01   NA
D 12/22/70 0600  SIZE 3.50 L  SB
              89SR=LT5E00
E01

OLO - POUDRE VALLEY DAIRY        96036   LT2E01   ND       LT2E01   NA
D 12/23/70 0600  SIZE 3.50 L  SB


 OTHERWISE NOTED, RESULTS ARE
O-CURIES PER UNIT OF SIZE,
 K IS IN GRAMS PER UNIT OF SIZE.
LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE COLORADO MILK RESULTS

LOCATION
                                              LAB-NO.& 131I    133I     137CS    3H
                                              USE CODE PCI/L   PCI/L    PCI/L    PCI/L

FT COLLINS COLO - POUDRE VALLEY DAIRY    96038    LT2E01  ND       LT2E01   NA
    COLLECTED 12/25/70 0600  SIZE 3.50 L  SB
    K=1.2E00

FT COLLINS COLO - POUDRE VALLEY DAIRY    96021    LT2E01  ND       LT2E01   NA
    COLLECTED 12/26/70 0600  SIZE 3.50 L  SB
    K=1.2E00

FT COLLINS COLO - POUDRE VALLEY DAIRY    96064    LT2E01  ND       LT2E01   NA
    COLLECTED 12/27/70 0600  SIZE 3.50 L  SB
    K=1.0E00

GLENWOOD SPGS COLO - GLENWOOD CREAMERY  95532    LT2E01  LT2E01   LT2E01   NA
    COLLECTED 12/21/70 0600  SIZE 3.50 L  SB
    K=1.0E00              89SR=LT5E00
    90SR=0.4E01

GLENWOOD SPGS COLO - GLENWOOD CREAMERY  95788    LT2E01  LT2E01   LT2E01   NA
    COLLECTED 12/22/70 0600  SIZE 3.50 L  SB
    K=1.4E01

GLENWOOD SPGS COLO - GLENWOOD CREAMERY  95962    LT2E01  ND       LT2E01   NA
    COLLECTED 12/23/70 0600  SIZE 3.50 L  SB
    K=1.4E00

GLENWOOD SPGS COLO - GLENWOOD CREAMERY  95992    LT2E01  ND       LT2E01   NA
    COLLECTED 12/26/70 0600  SIZE 3.50 L  SB
    K=1.0E00

GLENWOOD SPGS COLO - GLENWOOD CREAMERY  95983    LT2E01  ND       LT2E01   NA
    COLLECTED 12/27/70 0600  SIZE 3.50 L  SB
    K=1.0E00

GRAND JCT COLO - CLYMER'S DAIRY          95639    LT2E01  LT2E01   ND       NA
    COLLECTED 12/23/70 0600  SIZE 3.50 L  SB
    K=1.0E00              89SR=LT5E00
    90SR=0.6E01

GRAND JCT COLO - CLYMER'S DAIRY          95790    LT2E01  LT2E01   LT2E01   NA
    COLLECTED 12/24/70 0600  SIZE 3.50 L  SB
    K=1.1E00

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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ACCUMULATIVE COLORADO MILK RESULTS

                              LAB-NO.& 131I    133I    137CS   3H
                              USE CODE PCI/L   PCI/L   PCI/L   PCI/L

 COLO - POUDRE VALLEY DAIRY   96038    LT2E01  ND      LT2E01  NA
TED 12/25/70 0600  SIZE 3.50 L  SB
00

 COLO - POUDRE VALLEY DAIRY   96021    LT2E01  ND      LT2E01  NA
TED 12/26/70 0600  SIZE 3.50 L  SB
00

 COLO - POUDRE VALLEY DAIRY   96064    LT2E01  ND      LT2E01  NA
TED 12/27/70 0600  SIZE 3.50 L  SB
00

PGS COLO - GLENWOOD CREAMERY  95532    LT2E01  LT2E01  LT2E01  NA
TED 12/21/70 0600  SIZE 3.50 L  SB
00           89SR=LT5E00
.4E01

PGS COLO - GLENWOOD CREAMERY  95788    LT2E01  LT2E01  LT2E01  NA
TED 12/22/70 0600  SIZE 3.50 L  SB
01

PGS COLO - GLENWOOD CREAMERY  95962    LT2E01  ND      LT2E01  NA
TED 12/23/70 0600  SIZE 3.50 L  SB
00

PGS COLO - GLENWOOD CREAMERY  95992    LT2E01  ND      LT2E01  NA
TED 12/26/70 0600  SIZE 3.50 L  SB
00

PGS COLO - GLENWOOD CREAMERY  95983    LT2E01  ND      LT2E01  NA
TED 12/27/70 0600  SIZE 3.50 L  SB
00

COLO - CLYMER'S DAIRY         95639    LT2E01  LT2E01  ND      NA
TED 12/23/70 0600  SIZE 3.50 L  SB
00           89SR=LT5E00
.6E01

COLO - CLYMER'S DAIRY         95790    LT2E01  LT2E01  LT2E01  NA
TED 12/24/70 0600  SIZE 3.50 L  SB
00

SS OTHERWISE NOTED, RESULTS ARE
ICO-CURIES PER UNIT OF SIZE,
PT K IS IN GRAMS PER UNIT OF SIZE.
)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE COLORADO MILK RESULTS

LOCATION                                   LAB-NO.& 131I     133I     137CS    3H
                                           USE CODE PCI/L    PCI/L    PCI/L    PC

GRAND JCT COLO - CLYMER'S DAIRY              95868   LT2E01   ND       LT2E01   NA
    COLLECTED 12/25/70 0600  SIZE 3.50 L  SB
    K=1.2E00

GRAND JCT COLO - CLYMER'S DAIRY              95864   LT2E01   ND       LT2E01   NA
    COLLECTED 12/26/70 0600  SIZE 3.50 L  SB
    K=1.2E00

ROCKY FORD COLO - ROCKY FORD COOP            95678   LT2E01   LT2E01   ND       NA
    COLLECTED 12/21/70 1800  SIZE 3.50 L  SB
    K=1.3E00            89SR=LT5E00
    90SR=0.3E01

ROCKY FORD COLO - ROCKY FORD COOP            95801   LT2E01   LT2E01   LT2E01   NA
    COLLECTED 12/22/70 1800  SIZE 3.50 L  SB
    K=1.1E00

ROCKY FORD COLO - ROCKY FORD COOP            95858   LT2E01   LT2E01   LT2E01   NA
    COLLECTED 12/23/70 1800  SIZE 2.88 L  SB
    K=1.6E00

ROCKY FORD COLO - ROCKY FORD COOP            95870   LT2E01   ND       LT2E01   NA
    COLLECTED 12/25/70 0600  SIZE 3.20 L  SB
    K=1.0E00

ROCKY FORD COLO - ROCKY FORD COOP            95867   LT2E01   ND       LT2E01   NA
    COLLECTED 12/26/70 0600  SIZE 3.50 L  SB
    K=1.2E00

ROCKY FORD COLO - ROCKY FORD COOP            96030   LT2E01   ND       LT2E01   NA
    COLLECTED 12/27/70 0600  SIZE 3.50 L  SB
    K=1.1E00

ROCKY FORD COLO - ROCKY FORD COOP            96032   LT2E01   ND       LT2E01   NA
    COLLECTED 12/28/70 0600  SIZE 3.50 L  SB
    K=1.0E00

SALIDA COLO - MONARCH DAIRY                  95991   LT2E01   ND       LT2E01   NA
    COLLECTED 12/23/70 1800  SIZE 3.50 L  SB
    K=1.5E00

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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RY ACCUMULATIVE COLORADO MILK RESULTS

N                                   LAB-NO.& 131I     133I     137CS    3H
                                    USE CODE PCI/L    PCI/L    PCI/L    PCI/L

CT COLO - CLYMER'S DAIRY             95868    LT2E01   ND       LT2E01   NA
LECTED 12/25/70 0600  SIZE 3.50 L  SB
.2E00

CT COLO - CLYMER'S DAIRY             95864    LT2E01   ND       LT2E01   NA
LECTED 12/26/70 0600  SIZE 3.50 L  SB
.2E00

ORD COLO - ROCKY FORD COOP           95678    LT2E01   LT2E01   ND       NA
LECTED 12/21/70 1800  SIZE 3.50 L  SB
.3E00           89SR=LT5E00
R=0.3E01

ORD COLO - ROCKY FORD COOP           95801    LT2E01   LT2E01   LT2E01   NA
LECTED 12/22/70 1800  SIZE 3.50 L  SB
.1E00

ORD COLO - ROCKY FORD COOP           95858    LT2E01   LT2E01   LT2E01   NA
LECTED 12/23/70 1800  SIZE 2.88 L  SB
.6E00

ORD COLO - ROCKY FORD COOP           95870    LT2E01   ND       LT2E01   NA
LECTED 12/25/70 0600  SIZE 3.20 L  SB
0E00

ORD COLO - ROCKY FORD COOP           95867    LT2E01   ND       LT2E01   NA
LECTED 12/26/70 0600  SIZE 3.50 L  SB
2E00

RD COLO - ROCKY FORD COOP            96030    LT2E01   ND       LT2E01   NA
ECTED 12/27/70 0600  SIZE 3.50 L  SB
1E00

RD COLO - ROCKY FORD COOP            96032    LT2E01   ND       LT2E01   NA
ECTED 12/28/70 0600  SIZE 3.50 L  SB
0E00

OLO - MONARCH DAIRY                  95991    LT2E01   ND       LT2E01   NA
ECTED 12/23/70 1800  SIZE 3.50 L  SB
5E00

LESS OTHERWISE NOTED, RESULTS ARE
 PICO-CURIES PER UNIT OF SIZE,
CEPT K IS IN GRAMS PER UNIT OF SIZE.
(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE COLORADO MILK RESULTS

LOCATION                                 LAB-NO.& 131I    133I    137CS    3H
                                         USE CODE PCI/L   PCI/L   PCI/L    PCI/L

SALIDA COLO - MONARCH DAIRY               95869   LT2E01  ND      LT2E01   NA
    COLLECTED 12/26/70 0600  SIZE 3.50 L  SB
    K=1.2E00             89SR=LT5E00
    90SR=0.2E01

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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CUMULATIVE COLORADO MILK RESULTS

                                 LAB-NO.& 131I     133I     137CS     3H
                                 USE CODE PCI/L    PCI/L    PCI/L     PCI/L

- MONARCH DAIRY                   95869   LT2E01   ND       LT2E01    NA
D 12/26/70 0600  SIZE 3.50 L  SB
              89SR=LT5E00
E01

 OTHERWISE NOTED, RESULTS ARE
O-CURIES PER UNIT OF SIZE,
 K IS IN GRAMS PER UNIT OF SIZE.
LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS

                           PAGE   16
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2

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BANEBERRY ACCUMULATIVE IDAHO MILK RESULTS

LOCATION                                        LAB-NO.& 131I     133I     137CS    3H
                                                USE CODE PCI/L    PCI/L    PCI/L    PCI

BOISE IDA - IDAHO CREAMERIES                     95317   LT2E01   LT2E01   LT2E01   NA
     COLLECTED 12/20/70 1800  SIZE 3.50 L  SB
     K=1.3E00            89SR=LT5E00
     90SR=0.3E01

BOISE IDA - IDAHO CREAMERIES                     95792   LT2E01   LT2E01   LT2E01   NA
     COLLECTED 12/21/70 1800  SIZE 3.50 L  SB
     K=1.5E00

BOISE IDA - IDAHO CREAMERIES                     95982   LT2E01   ND       LT2E01   NA
     COLLECTED 12/22/70 1800  SIZE 3.50 L  SB
     K=1.4E00

BOISE IDA - IDAHO CREAMERIES                     95646   LT2E01   LT2E01   LT2E01   NA
     COLLECTED 12/23/70 0600  SIZE 2.90 L  SB
     K=1.0E00            89SR=LT5E00
     90SR=0.3E01

BOISE IDA - IDAHO CREAMERIES                     95990   LT2E01   ND       LT2E01   NA
     COLLECTED 12/23/70 1800  SIZE 2.90 L  SB
     K=1.3E00

BOISE IDA - IDAHO CREAMERIES                     95984   LT2E01   ND       LT2E01   NA
     COLLECTED 12/24/70 1800  SIZE 2.70 L  SB
     K=1.5E00

BOISE IDA - IDAHO CREAMERIES                     95969   LT2E01   ND       LT2E01   NA
     COLLECTED 12/25/70 1800  SIZE 3.50 L  SB
     K=1.1E00

BOISE IDA - IDAHO CREAMERIES                     95975   LT3E01   ND       LT3E01   NA
     COLLECTED 12/26/70 1800  SIZE 2.50 L  SB
     K=1.5E00

BOISE IDA - IDAHO CREAMERIES                     96164   LT2E01   ND       LT2E01   NA
     COLLECTED 12/28/70 0600  SIZE 3.50 L  SB
     K=1.0E00

BUHL IDA - SMITHS DAIRY PRODUCTS                 95724   LT2E01   LT2E01   LT2E01   NA
     COLLECTED 12/20/70 1800  SIZE 3.50 L  SB
     K=1.5E00            89SR=LT5E00
     90SR=0.6E01

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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RY ACCUMULATIVE IDAHO MILK RESULTS

N                                    LAB-NO.& 131I     133I     137CS    3H
                                     USE CODE PCI/L    PCI/L    PCI/L    PCI/L

DA - IDAHO CREAMERIES                  95317   LT2E01   LT2E01   LT2E01   NA
LECTED 12/20/70 1800  SIZE 3.50 L  SB
.3E00          89SR=LT5E00
R=0.3E01

DA - IDAHO CREAMERIES                  95792   LT2E01   LT2E01   LT2E01   NA
LECTED 12/21/70 1800  SIZE 3.50 L  SB
.5E00

DA - IDAHO CREAMERIES                  95982   LT2E01   ND       LT2E01   NA
LECTED 12/22/70 1800  SIZE 3.50 L  SB
.4E00

DA - IDAHO CREAMERIES                  95646   LT2E01   LT2E01   LT2E01   NA
LECTED 12/23/70 0600  SIZE 2.90 L  SB
.0E00          89SR=LT5E00
R=0.3E01

DA - IDAHO CREAMERIES                  95990   LT2E01   ND       LT2E01   NA
LECTED 12/23/70 1800  SIZE 2.90 L  SB
.3E00

DA - IDAHO CREAMERIES                  95984   LT2E01   ND       LT2E01   NA
LECTED 12/24/70 1800  SIZE 2.70 L  SB
.5E00

DA - IDAHO CREAMERIES                  95969   LT2E01   ND       LT2E01   NA
LECTED 12/25/70 1800  SIZE 3.50 L  SB
.1E00

DA - IDAHO CREAMERIES                  95975   LT3E01   ND       LT3E01   NA
LECTED 12/26/70 1800  SIZE 2.50 L  SB
5E00

DA - IDAHO CREAMERIES                  96164   LT2E01   ND       LT2E01   NA
LECTED 12/28/70 0600  SIZE 3.50 L  SB
0E00

 - SMITHS DAIRY PRODUCTS               95724   LT2E01   LT2E01   LT2E01   NA
LECTED 12/20/70 1800  SIZE 3.50 L  SB
5E00           89SR=LT5E00
=0.6E01

LESS OTHERWISE NOTED, RESULTS ARE
 PICO-CURIES PER UNIT OF SIZE,
CEPT K IS IN GRAMS PER UNIT OF SIZE.
(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE IDAHO MILK RESULTS

LOCATION
                                          LAB-NO.& 131I     133I     137CS    3H
                                          USE CODE PCI/L    PCI/L    PCI/L    PCI/L

BUHL IDA - SMITHS DAIRY PRODUCTS            95786   LT2E01   LT2E01   LT2E01   NA
    COLLECTED 12/22/70 1800  SIZE 3.50 L  SB
    K=1.3E00

BUHL IDA - SMITHS DAIRY PRODUCTS            96092   LT2E01   ND       LT2E01   NA
    COLLECTED 12/24/70 0600  SIZE 3.50 L  SB
    K=1.2E00

BUHL IDA - SMITHS DAIRY PRODUCTS            96014   LT2E01   ND       LT2E01   NA
    COLLECTED 12/25/70 1800  SIZE 3.50 L  SB
    K=1.0E00

BURLEY IDA STOKERS JERSEY FARM              96089   LT2E01   ND       LT2E01   NA
    COLLECTED 12/25/70 0900  SIZE 3.50 L  SB
    K=1.0E00

BURLEY IDA STOKER'S JERSEY FARM             95535   LT2E01   LT2E01   LT2E01   NA
    COLLECTED 12/21/70 1800  SIZE 3.50 L  SB
    K=1.2E00            89SR=LT5E00
    90SR=0.5E01

BURLEY IDA STOKER'S JERSEY FARM             95701   LT2E01   LT2E01   LT2E01   NA
    COLLECTED 12/22/70 0600  SIZE 3.50 L  SB
    K=1.1E00

BURLEY IDA STOKER'S JERSEY FARM             95848   LT2E02   LT2E02   LT2E02   NA
    COLLECTED 12/23/70 0600  SIZE .400 L  SB
    K=1.9E00

BURLEY IDA STOKER'S JERSEY FARM             95844   LT2E01   LT2E01   LT2E01   NA
    COLLECTED 12/24/70 0600  SIZE 3.50 L  SB
    K=1.3E00

BURLEY IDA STOKER'S JERSEY FARM             96067   LT2E01   ND       LT2E01   NA
    COLLECTED 12/26/70 0430  SIZE 3.50 L  SB
    K=1.3E00

BURLEY IDA STOKER'S JERSEY FARM             96026   LT2E01   ND       LT2E01   NA
    COLLECTED 12/27/70 0600  SIZE 3.50 L  SB
    K=1.4E00

BURLEY IDA STOKER'S JERSEY FARM             96039   LT2E01   ND       LT2E01   NA
    COLLECTED 12/28/70 0600  SIZE 3.50 L  SB
    K=1.3E00

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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ACCUMULATIVE IDAHO MILK RESULTS

                                  LAB-NO.& 131I     133I     137CS    3H
                                  USE CODE PCI/L    PCI/L    PCI/L    PCI/L

 SMITHS DAIRY PRODUCTS            95786    LT2E01   LT2E01   LT2E01   NA
TED 12/22/70 1800  SIZE 3.50 L  SB
00

 SMITHS DAIRY PRODUCTS            96092    LT2E01   ND       LT2E01   NA
TED 12/24/70 0600  SIZE 3.50 L  SB
00

 SMITHS DAIRY PRODUCTS            96014    LT2E01   ND       LT2E01   NA
TED 12/25/70 1800  SIZE 3.50 L  SB
00

 STOKERS JERSEY FARM              96089    LT2E01   ND       LT2E01   NA
TED 12/25/70 0900  SIZE 3.50 L  SB
00

 STOKER'S JERSEY FARM             95535    LT2E01   LT2E01   LT2E01   NA
TED 12/21/70 1800  SIZE 3.50 L  SB
00            89SR=LT5E00
.5E01

 STOKER'S JERSEY FARM             95701    LT2E01   LT2E01   LT2E01   NA
TED 12/22/70 0600  SIZE 3.50 L  SB
00

 STOKER'S JERSEY FARM             95848    LT2E02   LT2E02   LT2E02   NA
TED 12/23/70 0600  SIZE .400 L  SB
00

 STOKER'S JERSEY FARM             95844    LT2E01   LT2E01   LT2E01   NA
TED 12/24/70 0600  SIZE 3.50 L  SB
00

 STOKER'S JERSEY FARM             96067    LT2E01   ND       LT2E01   NA
ED 12/26/70 0430  SIZE 3.50 L  SB
0

 STOKER'S JERSEY FARM             96026    LT2E01   ND       LT2E01   NA
ED 12/27/70 0600  SIZE 3.50 L  SB
0

 STOKER'S JERSEY FARM             96039    LT2E01   ND       LT2E01   NA
ED 12/28/70 0600  SIZE 3.50 L  SB
0

S OTHERWISE NOTED, RESULTS ARE
CO-CURIES PER UNIT OF SIZE,
T K IS IN GRAMS PER UNIT OF SIZE.
=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE IDAHO MILK RESULTS

LOCATION                                  LAB-NO.& 131I    133I    137CS
                                          USE CODE PCI/L   PCI/L   PCI/L

COEUR D'ALENE IDA - COEUR D'ALENE CRMY  95807    LT2E01  LT2E01  LT2E01
    COLLECTED 12/19/70 1800  SIZE 3.50 L  SB
    K=1.4E00

COEUR D'ALENE IDA - COEUR D'ALENE CRMY  95799    LT2E01  LT2E01  LT2E01
    COLLECTED 12/21/70 1800  SIZE 3.50 L  SB
    K=1.3E00            89SR=LT5E00
    90SR=0.8E01

COEUR D'ALENE IDA - COEUR D'ALENE CRMY  95795    LT2E01  LT2E01  LT2E01
    COLLECTED 12/22/70 1800  SIZE 3.50 L  SB
    K=1.2E00

COEUR D'ALENE IDA - COEUR D'ALENE CRMY  96018    LT2E01  ND      LT2E01
    COLLECTED 12/23/70 1800  SIZE 2.70 L  SB
    K=1.6E00

COEUR D'ALENE IDA - COEUR D'ALENE CRMY  96019    LT2E02  ND      LT2E02
    COLLECTED 12/24/70 1800  SIZE .400 L  SB

COEUR D'ALENE IDA - COEUR D'ALENE CRMY  96029    LT2E01  ND      LT2E01
    COLLECTED 12/25/70 1800  SIZE 3.50 L  SB
    K=1.0E00

COEUR D'ALENE IDA - COEUR D'ALENE CRMY  96238    LT2E01  ND      LT2E01
    COLLECTED 12/30/70 0600  SIZE 3.50 L  SB
    K=1.0E00

COEUR D'ALENE IDA - COEUR D'ALENE CRMY  96239    LT2E01  ND      LT2E01
    COLLECTED 12/31/70 0600  SIZE 3.50 L  SB
    K=1.5E00

COEUR D'ALENE IDA - COEUR D'ALENE CRMY  96240    LT2E01  ND      LT2E01
    COLLECTED 01/01/71 0600  SIZE 3.50 L  SB
    K=1.4E00

COEUR D'ALENE IDA - COEUR D'ALENE CRMY  96476    LT2E01  ND      LT2E01
    COLLECTED 01/01/71 0600  SIZE 3.50 L  SB
    K=1.2E00

COEUR D'ALENE IDA - COEUR D'ALENE CRMY  96477    LT1E02  ND      LT1E02
    COLLECTED 01/02/71 0600  SIZE .400 L  SB

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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Y ACCUMULATIVE IDAHO MILK RESULTS

                               LAB-NO.& 131I     133I     137CS    3H
                               USE CODE PCI/L    PCI/L    PCI/L    PCI/L

ALENE IDA - COEUR D'ALENE CRMY  95807    LT2E01   LT2E01   LT2E01   NA
ECTED 12/19/70 1800  SIZE 3.50 L  SB
4E00

ALENE IDA - COEUR D'ALENE CRMY  95799    LT2E01   LT2E01   LT2E01   NA
ECTED 12/21/70 1800  SIZE 3.50 L  SB
3E00          89SR=LT5E00
=0.8E01

ALENE IDA - COEUR D'ALENE CRMY  95795    LT2E01   LT2E01   LT2E01   NA
ECTED 12/22/70 1800  SIZE 3.50 L  SB
2E00

ALENE IDA - COEUR D'ALENE CRMY  96018    LT2E01   ND       LT2E01   NA
ECTED 12/23/70 1800  SIZE 2.70 L  SB
6E00

ALENE IDA - COEUR D'ALENE CRMY  96019    LT2E02   ND       LT2E02   NA
ECTED 12/24/70 1800  SIZE .400 L  SB

ALENE IDA - COEUR D'ALENE CRMY  96029    LT2E01   ND       LT2E01   NA
ECTED 12/25/70 1800  SIZE 3.50 L  SB
0E00

ALENE IDA - COEUR D'ALENE CRMY  96238    LT2E01   ND       LT2E01   NA
ECTED 12/30/70 0600  SIZE 3.50 L  SB
0E00

LENE IDA - COEUR D'ALENE CRMY  96239    LT2E01   ND       LT2E01   NA
CTED 12/31/70 0600  SIZE 3.50 L  SB
5E00

LENE IDA - COEUR D'ALENE CRMY  96240    LT2E01   ND       LT2E01   NA
CTED 01/01/71 0600  SIZE 3.50 L  SB
E00

LENE IDA - COEUR D'ALENE CRMY  96476    LT2E01   ND       LT2E01   NA
CTED 01/01/71 0600  SIZE 3.50 L  SB
2E00

LENE IDA - COEUR D'ALENE CRMY  96477    LT1E02   ND       LT1E02   NA
CTED 01/02/71 0600  SIZE .400 L  SB

ESS OTHERWISE NOTED, RESULTS ARE
PICO-CURIES PER UNIT OF SIZE,
EPT K IS IN GRAMS PER UNIT OF SIZE.
X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE IDAHO MILK RESULTS

LOCATION
                                            LAB-NO.& 131I     133I     137CS    3H
                                            USE CODE PCI/L    PCI/L    PCI/L    PCI/L

COEUR D'ALENE IDA - COEUR D'ALENE CRMY      96478    LT1E02   ND       LT1E02   NA
    COLLECTED 01/03/71 0600  SIZE .400 L  SB

COEUR D'ALENE IDA - COEUR D'ALENE CRMY      96479    LT1E02   ND       LT1E02   NA
    COLLECTED 01/05/71 0600  SIZE .400 L  SB

IDAHO FALLS IDA - WALLACE DAIRY             95714    LT2E01   LT2E01   LT2E01   NA
    COLLECTED 12/19/70 0600  SIZE 3.50 L  SB
    K=1.2E00

IDAHO FALLS IDA - WALLACE DAIRY             95655    LT2E01   LT2E01   LT2E01   NA
    COLLECTED 12/20/70 0600  SIZE 3.50 L  SB
    K=1.3E00            89SR=LT5E00
    90SR=0.6E01

IDAHO FALLS IDA - WALLACE DAIRY             96013    LT2E01   ND       LT2E01   NA
    COLLECTED 12/25/70 0600  SIZE 3.50 L  SB
    K=1.2E00

IDAHO FALLS IDA - WALLACE DAIRY             96028    LT2E01   ND       LT2E01   NA
    COLLECTED 12/27/70 0600  SIZE 3.50 L  SB
    K=1.3E00

JEROME IDA - IDA GEM DAIRYMEN               95524    LT2E01   LT2E01   LT2E01   NA
    COLLECTED 12/20/70 0600  SIZE 3.50 L  SB
    K=1.1E00            89SR=LT5E00
    90SR=0.6E01

JEROME IDA - IDA GEM DAIRYMEN               95709    LT2E01   LT2E01   LT2E01   NA
    COLLECTED 12/21/70 0600  SIZE 3.50 L  SB
    K=1.4E00

JEROME IDA - IDA GEM DAIRYMEN               95980    LT2E01   ND       LT2E01   NA
    COLLECTED 12/22/70 0600  SIZE 3.50 L  SB
    K=1.4E00

JEROME IDA - IDA GEM DAIRYMEN               95861    LT2E01   LT2E01   LT2E01   NA
    COLLECTED 12/23/70 0600  SIZE 3.50 L  SB
    K=1.4E00

JEROME IDA - IDA GEM DAIRYMEN               95866    3.0E01   ND       LT2E01   LT4E02
    COLLECTED 12/24/70 1800  SIZE 3.50 L  SB
    K=1.3E00            89SR=LT5E00
    90SR=0.5E01

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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CUMULATIVE IDAHO MILK RESULTS

                                LAB-NO.& 131I    133I    137CS   3H
                                USE CODE PCI/L   PCI/L   PCI/L   PCI/L

E IDA - COEUR D'ALENE CRMY  96478   LT1E02  ND      LT1E02  NA
D 01/03/71 0600  SIZE .400 L  SB

E IDA - COEUR D'ALENE CRMY  96479   LT1E02  ND      LT1E02  NA
D 01/05/71 0600  SIZE .400 L  SB

IDA - WALLACE DAIRY         95714   LT2E01  LT2E01  LT2E01  NA
D 12/19/70 0600  SIZE 3.50 L  SB


IDA - WALLACE DAIRY         95655   LT2E01  LT2E01  LT2E01  NA
D 12/20/70 0600  SIZE 3.50 L  SB
            89SR=LT5E00
E01

IDA - WALLACE DAIRY         96013   LT2E01  ND      LT2E01  NA
D 12/25/70 0600  SIZE 3.50 L  SB


IDA - WALLACE DAIRY         96028   LT2E01  ND      LT2E01  NA
D 12/27/70 0600  SIZE 3.50 L  SB


 IDA GEM DAIRYMEN           95524   LT2E01  LT2E01  LT2E01  NA
D 12/20/70 0600  SIZE 3.50 L  SB
            89SR=LT5E00
E01

 IDA GEM DAIRYMEN           95709   LT2E01  LT2E01  LT2E01  NA
D 12/21/70 0600  SIZE 3.50 L  SB


 IDA GEM DAIRYMEN           95980   LT2E01  ND      LT2E01  NA
D 12/22/70 0600  SIZE 3.50 L  SB


IDA GEM DAIRYMEN            95861   LT2E01  LT2E01  LT2E01  NA
 12/23/70 0600  SIZE 3.50 L  SB


IDA GEM DAIRYMEN            95866   3.0E01  ND      LT2E01  LT4E02
 12/24/70 1800  SIZE 3.50 L  SB
            89SR=LT5E00
01

OTHERWISE NOTED, RESULTS ARE
-CURIES PER UNIT OF SIZE,
K IS IN GRAMS PER UNIT OF SIZE.
ESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE IDAHO MILK RESULTS

LOCATION                                    LAB-NO.& 131I    133I    137CS    3H
                                            USE CODE PCI/L   PCI/L   PCI/L    PC

JEROME IDA - IDA GEM DAIRYMEN                 95874  4.0E01  ND      LT2E01   LT
    COLLECTED 12/25/70 1800  SIZE 3.50 L  SB
    K=1.1E00           89SR=LT5E00
    90SR=0.2E01

JEROME IDA - IDA GEM DAIRYMEN                 96150  LT2E01  ND      LT2E01   NA
    COLLECTED 12/29/70 1800  SIZE 3.50 L  SB
    K=1.3E00

JEROME IDA - IDA GEM DAIRYMEN                 96161  LT2E01  ND      LT2E01   NA
    COLLECTED 12/30/70 1800  SIZE 3.50 L  SB
    K=1.4E00

JEROME IDA - IDA GEM DAIRYMEN                 96236  LT2E01  ND      LT2E01   NA
    COLLECTED 12/31/70 0600  SIZE 3.50 L  SB
    K=1.2E00

JEROME IDA - IDA GEM DAIRYMEN                 96237  LT2E01  ND      LT2E01   NA
    COLLECTED 01/01/71 0600  SIZE 3.50 L  SB
    K=1.3E00

JEROME IDA - IDA GEM DAIRYMEN                 96309  LT2E01  ND      LT2E01   NA
    COLLECTED 01/02/71 1800  SIZE 3.50 L  SB
    K=1.5E00

JEROME IDA - IDA GEM DAIRYMEN                 96310  LT2E01  ND      LT2E01   NA
    COLLECTED 01/03/71 1800  SIZE 3.50 L  SB
    K=1.3E00

JEROME IDA - IDA GEM DAIRYMEN                 96358  LT2E01  ND      LT2E01   NA
    COLLECTED 01/04/71 1800  SIZE 3.50 L  SB
    K=1.3E00

POCATELLO IDA - WARDS DAIRY                   95865  LT2E01  ND      LT2E01   NA
    COLLECTED 12/23/70 0600  SIZE 3.50 L  SB
    K=1.2E00

POCATELLO IDA - WARDS DAIRY                   95856  LT2E01  LT2E01  LT2E01   NA
    COLLECTED 12/23/70 0600  SIZE 3.50 L  SB
    K=1.0E00           89SR=LT5E00
    90SR=0.4E01

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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CUMULATIVE IDAHO MILK RESULTS

                              LAB-NO.& 131I     133I     137CS    3H
                              USE CODE PCI/L    PCI/L    PCI/L    PCI/L

 IDA GEM DAIRYMEN               95874   4.0E01   ND       LT2E01   LT4E02
D 12/25/70 1800  SIZE 3.50 L  SB
             89SR=LT5E00
E01

 IDA GEM DAIRYMEN               96150   LT2E01   ND       LT2E01   NA
D 12/29/70 1800  SIZE 3.50 L  SB


 IDA GEM DAIRYMEN               96161   LT2E01   ND       LT2E01   NA
D 12/30/70 1800  SIZE 3.50 L  SB


 IDA GEM DAIRYMEN               96236   LT2E01   ND       LT2E01   NA
D 12/31/70 0600  SIZE 3.50 L  SB


 IDA GEM DAIRYMEN               96237   LT2E01   ND       LT2E01   NA
D 01/01/71 0600  SIZE 3.50 L  SB


 IDA GEM DAIRYMEN               96309   LT2E01   ND       LT2E01   NA
D 01/02/71 1800  SIZE 3.50 L  SB


 IDA GEM DAIRYMEN               96310   LT2E01   ND       LT2E01   NA
D 01/03/71 1800  SIZE 3.50 L  SB


 IDA GEM DAIRYMEN               96358   LT2E01   ND       LT2E01   NA
D 01/04/71 1800  SIZE 3.50 L  SB


A - WARDS DAIRY                 95865   LT2E01   ND       LT2E01   NA
D 12/23/70 0600  SIZE 3.50 L  SB


A - WARDS DAIRY                 95856   LT2E01   LT2E01   LT2E01   NA
D 12/23/70 0600  SIZE 3.50 L  SB
             89SR=LT5E00
E01

 OTHERWISE NOTED, RESULTS ARE
D-CURIES PER UNIT OF SIZE,
 K IS IN GRAMS PER UNIT OF SIZE.
LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE IDAHO MILK RESULTS

LOCATION                                   LAB-NO.& 131I    133I    137CS   3H
                                           USE CODE PCI/L   PCI/L   PCI/L   PCI/L

POCATELLO IDA - WARDS DAIRY                  96163   LT2E01  ND      LT2E01  NA
    COLLECTED 12/30/70 0600  SIZE 3.50 L   SB
    K=1.3E00

POCATELLO IDA - WARDS DAIRY                  96165   LT2E01  ND      LT2E01  NA
    COLLECTED 12/30/70 0800  SIZE 3.50 L   SB
    K=1.3E00

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X. ND=NOT DETECTED, NA=NO ANALYSIS
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CCUMULATIVE IDAHO MILK RESULTS

                               LAB-NO.& 131I    133I    137CS   3H
                               USE CODE PCI/L   PCI/L   PCI/L   PCI/L

DA - WARDS DAIRY                96163   LT2E01  ND      LT2E01  NA
ED 12/30/70 0600  SIZE 3.50 L   SB
0

DA - WARDS DAIRY                96165   LT2E01  ND      LT2E01  NA
ED 12/30/70 0800  SIZE 3.50 L   SB
0

S OTHERWISE NOTED, RESULTS ARE
CO-CURIES PER UNIT OF SIZE,
T K IS IN GRAMS PER UNIT OF SIZE.
=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA MILK RESULTS

LOCATION                                     LAB-NO.& 131I     133I     137CS
                                             USE CODE PCI/L    PCI/L    PCI/L

ALAMO NEV KAY WRIGHT DAIRY                     93837  LT2E01   LT2E01   LT2E01
    COLLECTED 12/19/70 1025  SIZE 3.50 L  6992
    K=1.5E00

ALAMO NEV KAY WRIGHT DAIRY                     95049  LT2E01   LT2E01   LT2E01
    COLLECTED 12/20/70 0930  SIZE 3.50 L  6992
    K=1.1E00

ALAMO NEV KAY WRIGHT DAIRY                     95251  LT2E01   LT2E01   LT2E01
    COLLECTED 12/21/70 0600  SIZE 3.50 L  6992
    K=1.0E00

ALAMO NEV KAY WRIGHT DAIRY                     95408  LT2E01   LT2E01   LT2E01
    COLLECTED 12/21/70 0800  SIZE 3.50 L  6992
    K=1.4E00

AUSTIN NEV - YOUNG'S RANCH                     95183  9.0E01   1.5E03   LT2E01
    COLLECTED 12/19/70 1800  SIZE 3.50 L  1932
    K=1.4E00            89SR=LT5E00
    90SR=0.2E01

AUSTIN NEV - YOUNG'S RANCH                     95412  1.4E02   3.9E02   LT2E01
    COLLECTED 12/21/70 1230  SIZE 3.50 L  1932
    K=1.3E00

AUSTIN NEV - YOUNG'S RANCH                     95411  1.0E02   2.0E02   LT2E01
    COLLECTED 12/22/70 0600  SIZE 3.50 L  1932
    K=1.3E00            89SR=LT5E00
    90SR=0.5E01

AUSTIN NEV - YOUNG'S RANCH                     95629  6.0E01   5.0E01   LT2E00
    COLLECTED 12/23/70 0600  SIZE 3.50 L  1932
    K=1.7E00

AUSTIN NEV - YOUNG'S RANCH                     95735  6.0E01   LT2E01   LT2E01
    COLLECTED 12/24/70 0600  SIZE 3.50 L  1932
    K=1.5E00            89SR=LT5E00
    90SR=0.5E01

AUSTIN NEV - YOUNG'S RANCH                     95901  4.0E01   ND       LT2E01
    COLLECTED 12/25/70 0600  SIZE 3.50 L  1932
    K=1.6E00            89SR=LT5E00
    90SR=0.5E01

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BERRY ACCUMULATIVE NEVADA MILK RESULTS

TION                                       LAB-NO.& 131I    133I    137CS    3H
                                           USE CODE PCI/L   PCI/L   PCI/L    PCI/L

D NEV KAY WRIGHT DAIRY                      93837   LT2E01  LT2E01  LT2E01   NA
COLLECTED 12/19/70 1025  SIZE 3.50 L  6992
K=1.5E00

D NEV KAY WRIGHT DAIRY                      95049   LT2E01  LT2E01  LT2E01   NA
COLLECTED 12/20/70 0930  SIZE 3.50 L  6992
K=1.1E00

D NEV KAY WRIGHT DAIRY                      95251   LT2E01  LT2E01  LT2E01   NA
COLLECTED 12/21/70 0600  SIZE 3.50 L  6992
K=1.0E00

D NEV KAY WRIGHT DAIRY                      95408   LT2E01  LT2E01  LT2E01   NA
COLLECTED 12/21/70 0800  SIZE 3.50 L  6992
K=1.4E00

IN NEV - YOUNG'S RANCH                      95183   9.0E01  1.5E03  LT2E01   1.3E03
COLLECTED 12/19/70 1800  SIZE 3.50 L  1932
=1.4E00            89SR=LT5E00
0SR=0.2E01

N NEV - YOUNG'S RANCH                       95412   1.4E02  3.9E02  LT2E01   1.4E03
OLLECTED 12/21/70 1230  SIZE 3.50 L  1932
=1.3E00

N NEV - YOUNG'S RANCH                       95411   1.0E02  2.0E02  LT2E01   6.9E02
OLLECTED 12/22/70 0600  SIZE 3.50 L  1932
=1.3E00            89SR=LT5E00
0SR=0.5E01

N NEV - YOUNG'S RANCH                       95629   6.0E01  5.0E01  LT2E00   NA
OLLECTED 12/23/70 0600  SIZE 3.50 L  1932
=1.7E00

N NEV - YOUNG'S RANCH                       95735   6.0E01  LT2E01  LT2E01   6.9E02
OLLECTED 12/24/70 0600  SIZE 3.50 L  1932
=1.5E00            89SR=LT5E00
SR=0.5E01

N NEV - YOUNG'S RANCH                       95901   4.0E01  ND      LT2E01   8.9E02
OLLECTED 12/25/70 0600  SIZE 3.50 L  1932
1.6E00             89SR=LT5E00
SR=0.5E01

UNLESS OTHERWISE NOTED, RESULTS ARE
IN PICO-CURIES PER UNIT OF SIZE,
EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA MILK RESULTS

LOCATION                                LAB-NO.& 131I    133I    137CS   3H
                                        USE CODE PCI/L   PCI/L   PCI/L   PCI

AUSTIN NEV - YOUNG'S RANCH                 95908  3.0E01  ND      LT2E01  1.2
     COLLECTED 12/26/70 0600  SIZE 3.50 L  1932
     K=1.0E00            89SR=LT5E00
     90SR=0.5E01

AUSTIN NEV - YOUNG'S RANCH                 95907  LT2E01  ND      LT2E01  NA
     COLLECTED 12/27/70 0600  SIZE 3.50 L  1932
     K=1.0E00

AUSTIN NEV - YOUNG'S RANCH                 96054  3.0E01  ND      LT2E01  NA
     COLLECTED 12/28/70 0600  SIZE 3.50 L  1932
     K=1.5E00

AUSTIN NEV - YOUNG'S RANCH                 96051  3.0E01  ND      LT2E01  NA
     COLLECTED 12/29/70 0600  SIZE 3.50 L  1932
     K=1.1E00

AUSTIN NEV - TRIPLE T RANCH                93971  LT2E01  LT2E01  LT2E01  NA
     COLLECTED 12/19/70 0600  SIZE 3.50 L  6292
     K=1.3E00

AUSTIN NEV - TRIPLE T RANCH                95184  2.6E01  2.8E02  LT2E01  5.6
     COLLECTED 12/19/70 1800  SIZE 3.50 L  1222
     K=1.6E00            89SR=LT5E00
     90SR=0.3E01

AUSTIN NEV - TRIPLE T RANCH                95439  LT2E01  LT2E01  4.0E01  NA
     COLLECTED 12/21/70 1200  SIZE 3.50 L  1222
     K=1.4E00

AUSTIN NEV - TRIPLE T RANCH                95410  LT2E01  LT2E01  2.0E01  NA
     COLLECTED 12/22/70 0905  SIZE 3.50 L  1222
     K=1.2E00

AUSTIN NEV - TRIPLE T RANCH                95622  LT2E01  LT2E01  LT2E01  NA
     COLLECTED 12/23/70 0600  SIZE 3.50 L  1222
     K=1.4E00

AUSTIN NEV - TRIPLE T RANCH                95733  LT2E01  LT2E01  LT2E01  NA
     COLLECTED 12/24/70 0600  SIZE 3.50 L  1222
     K=1.5E00

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
       IN PICO-CURIES PER UNIT OF SIZE.
       EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
       LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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CCUMULATIVE NEVADA MILK RESULTS

                              LAB-NO.& 131I     133I     137CS    3H
                              USE CODE PCI/L    PCI/L    PCI/L    PCI/L

- YOUNG'S RANCH                 95908  3.0E01   ND       LT2E01   1.2E03
ED 12/26/70 0600  SIZE 3.50 L  1932
0           89SR=LT5E00
5E01

- YOUNG'S RANCH                 95907  LT2E01   ND       LT2E01   NA
ED 12/27/70 0600  SIZE 3.50 L  1932
0

- YOUNG'S RANCH                 96054  3.0E01   ND       LT2E01   NA
ED 12/28/70 0600  SIZE 3.50 L  1932
0

- YOUNG'S RANCH                 96051  3.0E01   ND       LT2E01   NA
ED 12/29/70 0600  SIZE 3.50 L  1932
0

- TRIPLE T RANCH                93971  LT2E01   LT2E01   LT2E01   NA
ED 12/19/70 0600  SIZE 3.50 L  6292
0

- TRIPLE T RANCH                95184  2.6E01   2.8E02   LT2E01   5.6E02
ED 12/19/70 1800  SIZE 3.50 L  1222
0           89SR=LT5E00
3E01

- TRIPLE T RANCH                95439  LT2E01   LT2E01   4.0E01   NA
ED 12/21/70 1200  SIZE 3.50 L  1222
0

- TRIPLE T RANCH                95410  LT2E01   LT2E01   2.0E01   NA
ED 12/22/70 0905  SIZE 3.50 L  1222
0

- TRIPLE T RANCH                95622  LT2E01   LT2E01   LT2E01   NA
ED 12/23/70 0600  SIZE 3.50 L  1222
0

- TRIPLE T RANCH                95733  LT2E01   LT2E01   LT2E01   NA
ED 12/24/70 0600  SIZE 3.50 L  1222
0

S OTHERWISE NOTED, RESULTS ARE
CO-CURIES PER UNIT OF SIZE,
T K IS IN GRAMS PER UNIT OF SIZE.
=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA MILK RESULTS

LOCATION                                  LAB-NO.& 131I     133I     137CS    3H
                                          USE CODE PCI/L    PCI/L    PCI/L    PCI/

AUSTIN NEV - TRIPLE T RANCH                 95902  LT2E01   ND       4.0E01   NA
    COLLECTED 12/25/70 0600  SIZE 3.50 L  1232
    K=1.4E00

AUSTIN NEV - TRIPLE T RANCH                 95900  LT2E01   ND       LT2E01   NA
    COLLECTED 12/26/70 0600  SIZE 3.50 L  1232
    K=1.0E00

AUSTIN NEV - TRIPLE T RANCH                 95911  5.0E01   ND       LT2E01   6.6E
    COLLECTED 12/27/70 0600  SIZE 3.50 L  1232
    K=1.2E00            89SR=LT5E00
    90SR=0.3E01

AUSTIN NEV - TRIPLE T RANCH                 96055  LT2E01   ND       LT2E01   NA
    COLLECTED 12/28/70 0600  SIZE 3.50 L  1222
    K=1.6E00

AUSTIN NEV - TRIPLE T RANCH                 96056  LT2E01   ND       3.0E01   NA
    COLLECTED 12/29/70 0600  SIZE 3.50 L  1222
    K=1.5E00

BEATTY NEV KIBBE RANCH                      96170  LT2E01   ND       LT2E01   NA
    COLLECTED 12/31/70 0615  SIZE 3.50 L
    K=1.1E00

BEATTY NEV KIBBE RANCH                      96264  LT2E01   ND       LT2E01   NA
    COLLECTED 01/02/71 0600  SIZE 3.50 L  8992
    K=1.4E00

BEATTY NEV KIBBE RANCH                      96263  LT2E01   ND       LT2E01   NA
    COLLECTED 01/04/71 0600  SIZE 3.50 L  8992
    K=1.0E00

CURRANT NEV - BLUE EAGLE RANCH              93892  LT2E01   LT2E01   LT2E01   NA
    COLLECTED 12/18/70 1800  SIZE 3.50 L  1932
    K=1.1E00

CURRANT NEV - BLUE EAGLE RANCH              95174  2.6E01   1.9E02   LT2E01   LT4E
    COLLECTED 12/20/70 0600  SIZE 3.50 L  6992
    K=1.9E00            89SR=LT5E00
    90SR=0.4E01

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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Y ACCUMULATIVE NEVADA MILK RESULTS

                                  LAB-NO.& 131I     133I     137CS    3H
                                  USE CODE PCI/L    PCI/L    PCI/L    PCI/L

EV - TRIPLE T RANCH                 95902  LT2E01   ND       4.0E01   NA
ECTED 12/25/70 0600  SIZE 3.50 L  1232
4E00

EV - TRIPLE T RANCH                 95900  LT2E01   ND       LT2E01   NA
ECTED 12/26/70 0600  SIZE 3.50 L  1232
0E00

EV - TRIPLE T RANCH                 95911  5.0E01   ND       LT2E01   6.6E02
ECTED 12/27/70 0600  SIZE 3.50 L  1232
2E00          89SR=LT5E00
=0.3E01

EV - TRIPLE T RANCH                 96055  LT2E01   ND       LT2E01   NA
ECTED 12/28/70 0600  SIZE 3.50 L  1222
5E00

EV - TRIPLE T RANCH                 96056  LT2E01   ND       3.0E01   NA
CTED 12/29/70 0600  SIZE 3.50 L  1222
5E00

V KIBBE RANCH                       96170  LT2E01   ND       LT2E01   NA
CTED 12/31/70 0615  SIZE 3.50 L
E00

V KIBBE RANCH                       96264  LT2E01   ND       LT2E01   NA
CTED 01/02/71 0600  SIZE 3.50 L  8992
E00

V KIBBE RANCH                       96263  LT2E01   ND       LT2E01   NA
CTED 01/04/71 0600  SIZE 3.50 L  8992
E00

EV - BLUE EAGLE RANCH               93892  LT2E01   LT2E01   LT2E01   NA
CTED 12/18/70 1800  SIZE 3.50 L  1932
E00

EV - BLUE EAGLE RANCH               95174  2.6E01   1.9E02   LT2E01   LT4E02
CTED 12/20/70 0600  SIZE 3.50 L  6992
E00           89SR=LT5E00
0.4E01

ESS OTHERWISE NOTED, RESULTS ARE
PICO-CURIES PER UNIT OF SIZE,
EPT K IS IN GRAMS PER UNIT OF SIZE.
)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA MILK RESULTS

LOCATION                                    LAB-NO.& 131I    133I    137CS   3H
                                            USE CODE PCI/L   PCI/L   PCI/L   PCI/L

CURRANT NEV - BLUE EAGLE RANCH               95413   LT2E01  6.0E01  LT2E01  5.6E02
    COLLECTED 12/21/70 1115  SIZE 3.50 L  6992
    K=1.0E00            89SR=LT5E00
    90SR=0.3E01

CURRANT NEV - BLUE EAGLE RANCH               95394   2.0E01  3.0E01  LT2E01  LT4E02
    COLLECTED 12/22/70 1030  SIZE 3.50 L  6992
    K=1.4E00            89SR=LT5E00
    90SR=0.3E01

CURRANT NEV - BLUE EAGLE RANCH               95618   LT2E01  LT2E01  LT2E01  NA
    COLLECTED 12/22/70 1800  SIZE 3.50 L  6992
    K=1.6E00

CURRANT NEV - BLUE EAGLE RANCH               95757   LT2E01  LT2E01  LT2E01  NA
    COLLECTED 12/23/70 1800  SIZE 3.50 L  6992
    K=1.3E00

CURRANT NEV - BLUE EAGLE RANCH               95927   2.0E01  ND      LT2E01  LT4E02
    COLLECTED 12/27/70 1800  SIZE 3.50 L  6992
    K=1.3E00            89SR=LT5E00
    90SR=0.2E01

DUCKWATER NEV - HALSTEAD RANCH               95018   LT2E01  1.0E02  LT2E01  LT4E02
    COLLECTED 12/19/70 0930  SIZE 3.50 L  6292
    K=1.5E00            89SR=LT5E00
    90SR=0.4E01

DUCKWATER NEV - HALSTEAD RANCH               95181   9.0E01  5.0E02  LT2E01  LT4E02
    COLLECTED 12/20/70 0600  SIZE 3.50 L  6792
    K=1.6E00            89SR=LT5E00
    90SR=0.4E01

DUCKWATER NEV - HALSTEAD RANCH               95414   7.0E01  1.9E02  LT2E01  LT4E02
    COLLECTED 12/21/70 1230  SIZE 3.50 L  6792
    K=1.3E00            89SR=LT5E00
    90SR=0.3E01

DUCKWATER NEV - HALSTEAD RANCH               95409   5.5E01  5.6E01  LT2E01  LT4E02
    COLLECTED 12/22/70 1130  SIZE 3.50 L  6792
    K=1.1E00            89SR=LT5E00
    90SR=0.3E01

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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CCUMULATIVE NEVADA MILK RESULTS

                               LAB-NO.& 131I    133I    137CS   3H
                               USE CODE PCI/L   PCI/L   PCI/L   PCI/L

 - BLUE EAGLE RANCH              95413   LT2E01  6.0E01  LT2E01  5.6E02
ED 12/21/70 1115  SIZE 3.50 L  6992
0            89SR=LT5E00
3E01

 - BLUE EAGLE RANCH              95394   2.0E01  3.0E01  LT2E01  LT4E02
ED 12/22/70 1030  SIZE 3.50 L  6992
0            89SR=LT5E00
3E01

 - BLUE EAGLE RANCH              95618   LT2E01  LT2E01  LT2E01  NA
ED 12/22/70 1800  SIZE 3.50 L  6992
0

 - BLUE EAGLE RANCH              95757   LT2E01  LT2E01  LT2E01  NA
ED 12/23/70 1600  SIZE 3.50 L  6992
0

 - BLUE EAGLE RANCH              95927   2.0E01  ND      LT2E01  LT4E02
ED 12/27/70 1800  SIZE 3.50 L  6992
0            89SR=LT5E00
2E01

EV - HALSTEAD RANCH              95018   LT2E01  1.0E02  LT2E01  LT4E02
ED 12/19/70 0930  SIZE 3.50 L  6292
0            89SR=LT5E00
4E01

EV - HALSTEAD RANCH              95181   9.0E01  5.0E02  LT2E01  LT4E02
ED 12/20/70 0600  SIZE 3.50 L  6792
0            89SR=LT5E00
4E01

EV - HALSTEAD RANCH              95414   7.0E01  1.9E02  LT2E01  LT4E02
ED 12/21/70 1230  SIZE 3.50 L  6792
0            89SR=LT5E00
3E01

EV - HALSTEAD RANCH              95409   5.5E01  5.6E01  LT2E01  LT4E02
ED 12/22/70 1130  SIZE 3.50 L  6792
0            89SR=LT5E00
3E01

S OTHERWISE NOTED, RESULTS ARE
CO-CURIES PER UNIT OF SIZE,
T K IS IN GRAMS PER UNIT OF SIZE.
LESS THAN X. ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA MILK RESULTS

LOCATION                                      LAB-NO.& 131I     133I     137CS    3H
                                              USE CODE PCI/L    PCI/L    PCI/L    PCI

DUCKWATER NEV - HALSTEAD RANCH                  95620  7.0E01   3.0E01   LT2E01   LT4E
     COLLECTED 12/23/70 0600  SIZE 3.50 L  6792
     K=1.2E00             89SR=LT5E00
     90SR=0.4E01

DUCKWATER NEV - HALSTEAD RANCH                  95754  LT2E01   LT2E01   LT2E01   NA
     COLLECTED 12/24/70 0600  SIZE 3.50 L  6292
     K=1.3E00

DUCKWATER NEV - HALSTEAD RANCH                  95923  LT2E01   ND       LT2E01   NA
     COLLECTED 12/25/70 0600  SIZE 3.00 L  6292
     K=1.3E00

DUCKWATER NEV - HALSTEAD RANCH                  95924  2.5E01   ND       LT2E01   LT4E
     COLLECTED 12/26/70 0600  SIZE 2.80 L  6292
     K=1.7E00             89SR=LT5E00
     90SR=0.3E01

DUCKWATER NEV - HALSTEAD RANCH                  95925  LT2E01   ND       LT2E01   NA
     COLLECTED 12/27/70 0600  SIZE 2.70 L  6292
     K=1.7E00

DUCKWATER NEV - HALSTEAD RANCH                  95926  LT3E01   ND       LT3E01   NA
     COLLECTED 12/28/70 0600  SIZE 2.50 L  6292
     K=1.0E00

EUREKA NEV - MARTIN RANCH                       95180  LT2E01   LT2E01   LT2E01   NA
     COLLECTED 12/19/70 1800  SIZE 3.10 L  1932
     K=1.5E00

EUREKA NEV - MARTIN RANCH                       95415  2.1E02   7.0E02   LT2E01   7.3E
     COLLECTED 12/21/70 1500  SIZE 3.50 L  1932
     K=1.0E00             89SR=LT5E00
     90SR=0.5E01

EUREKA NEV - MARTIN RANCH                       95623  2.4E02   4.0E02   LT2E01   5.4E
     COLLECTED 12/22/70 0600  SIZE 3.50 L  1932
     K=1.5E00             89SR=LT5E00
     90SR=LT2E00

EUREKA NEV - MARTIN RANCH                       95621  1.0E02   8.0E01   LT2E01   5.8E
     COLLECTED 12/23/70 0600  SIZE 3.50 L  1932
     K=1.5E00             89SR=LT5E00
     90SR=0.2E01

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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CCUMULATIVE NEVADA MILK RESULTS

                              LAB-NO.& 131I     133I     137CS    3H
                              USE CODE PCI/L    PCI/L    PCI/L    PCI/L

EV - HALSTEAD RANCH             95620   7.0E01   3.0E01   LT2E01   LT4E02
ED 12/23/70 0600  SIZE 3.50 L  6792
D            89SR=LT5E00
4E01

EV - HALSTEAD RANCH             95754   LT2E01   LT2E01   LT2E01   NA
ED 12/24/70 0600  SIZE 3.50 L  6292
D

EV - HALSTEAD RANCH             95923   LT2E01   ND       LT2E01   NA
ED 12/25/70 0600  SIZE 3.00 L  6292
D

EV - HALSTEAD RANCH             95924   2.5E01   ND       LT2E01   LT4E02
ED 12/26/70 0600  SIZE 2.80 L  6292
D            89SR=LT5E00
E01

EV - HALSTEAD RANCH             95925   LT2E01   ND       LT2E01   NA
D 12/27/70 0600  SIZE 2.70 L  6292

EV - HALSTEAD RANCH             95926   LT3E01   ND       LT3E01   NA
D 12/28/70 0600  SIZE 2.50 L  6292

 MARTIN RANCH                   95180   LT2E01   LT2E01   LT2E01   NA
D 12/19/70 1800  SIZE 3.10 L  1932

 MARTIN RANCH                   95415   2.1E02   7.0E02   LT2E01   7.3E02
D 12/21/70 1500  SIZE 3.50 L  1932
             89SR=LT5E00
E01

 MARTIN RANCH                   95623   2.4E02   4.0E02   LT2E01   5.4E02
D 12/22/70 0600  SIZE 3.50 L  1932
             89SR=LT5E00
E00

 MARTIN RANCH                   95621   1.0E02   8.0E01   LT2E01   5.8E02
D 12/23/70 0600  SIZE 3.50 L  1932
             89SR=LT5E00
E01

 OTHERWISE NOTED, RESULTS ARE
-CURIES PER UNIT OF SIZE.
K IS IN GRAMS PER UNIT OF SIZE.
ESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA MILK RESULTS

LOCATION                                       LAB-NO.& 131I    133I    137CS   3H
                                               USE CODE PCI/L   PCI/L   PCI/L   PCI/L

EUREKA NEV - MARTIN RANCH                       95732   7.0E01  LT2E01  LT2E01  4.5E02
    COLLECTED 12/24/70 0600  SIZE 3.50 L  1932
    K=1.2E00             89SR=LT5E00
    90SR=0.5E01

EUREKA NEV - MARTIN RANCH                       95899   1.1E02  ND      4.0E01  7.2E02
    COLLECTED 12/25/70 0600  SIZE 3.50 L  1932
    K=1.4E00             89SR=LT5E00
    90SR=0.4E01

EUREKA NEV - MARTIN RANCH                       95909   4.0E01  ND      LT2E01  4.0E02
    COLLECTED 12/26/70 0600  SIZE 3.50 L  1932
    K=1.1E00             89SR=LT5E00
    90SR=0.5E01

EUREKA NEV - MARTIN RANCH                       95910   3.0E01  ND      LT2E01  1.5E03
    COLLECTED 12/27/70 0600  SIZE 3.50 L  1932
    K=1.4E00             89SR=LT5E00
    90SR=0.5E01

EUREKA NEV - MARTIN RANCH                       96053   5.0E01  ND      LT2E01  1.0E03
    COLLECTED 12/28/70 0600  SIZE 3.50 L  1932
    K=1.5E00             89SR=LT5E00
    90SR=0.7E01

EUREKA NEV - MARTIN RANCH                       96052   5.0E01  ND      LT2E01  LT4E02
    COLLECTED 12/29/70 0600  SIZE 3.50 L  1932
    K=1.7E00

FALLON NEV - CREAMLAND DAIRY                    95323   LT2E01  LT2E01  LT2E01  NA
    COLLECTED 12/21/70 0600  SIZE 3.50 L  SB
    K=1.1E00             89SR=LT5E00
    90SR=0.2E01

FALLON NEV - CREAMLAND DAIRY                    95726   LT2E01  LT2E01  LT2E01  NA
    COLLECTED 12/22/70 0600  SIZE 3.50 L  SB
    K=1.0E00

FALLON NEV - CREAMLAND DAIRY                    95855   LT2E02  LT2E02  LT2E02  NA
    COLLECTED 12/23/70 0600  SIZE .400 L  SB
    K=1.5E00

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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CUMULATIVE NEVADA MILK RESULTS

                                 LAB-NO.& 131I    133I    137CS   3H
                                 USE CODE PCI/L   PCI/L   PCI/L   PCI/L

 MARTIN RANCH                     95732   7.0E01  LT2E01  LT2E01  4.5E02
D 12/24/70 0600  SIZE 3.50 L  1932
)             89SR=LT5E00
E01

 MARTIN RANCH                     95899   1.1E02  ND      4.0E01  7.2E02
D 12/25/70 0600  SIZE 3.50 L  1932
)             89SR=LT5E00
E01

 MARTIN RANCH                     95909   4.0E01  ND      LT2E01  4.0E02
D 12/26/70 0600  SIZE 3.50 L  1932
)             89SR=LT5E00
E01

 MARTIN RANCH                     95910   3.0E01  ND      LT2E01  1.5E03
D 12/27/70 0600  SIZE 3.50 L  1932
)             89SR=LT5E00
E01

 MARTIN RANCH                     96053   5.0E01  ND      LT2E01  1.0E03
D 12/28/70 0600  SIZE 3.50 L  1932
)             89SR=LT5E00
E01

 MARTIN RANCH                     96052   5.0E01  ND      LT2E01  LT4E02
D 12/29/70 0600  SIZE 3.50 L  1932
)

 CREAMLAND DAIRY                  95323   LT2E01  LT2E01  LT2E01  NA
D 12/21/70 0600  SIZE 3.50 L  SB
)             89SR=LT5E00
E01

 CREAMLAND DAIRY                  95726   LT2E01  LT2E01  LT2E01  NA
D 12/22/70 0600  SIZE 3.50 L  SB

 CREAMLAND DAIRY                  95855   LT2E02  LT2E02  LT2E02  NA
D 12/23/70 0600  SIZE .400 L  SB

 OTHERWISE NOTED, RESULTS ARE
O-CURIES PER UNIT OF SIZE.
 K IS IN GRAMS PER UNIT OF SIZE.
LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA MILK RESULTS

LOCATION                                   LAB-NO.& 131I    133I    137CS   3H
                                           USE CODE PCI/L   PCI/L   PCI/L   PC

FALLON NEV - CRFAMLAND DAIRY                  95682  LT2E01  LT2E01  LT2E01  NA
    COLLECTED 12/23/70 0600  SIZE 3.50 L  SB
    K=1.0E00

FALLON NEV - CREAMLAND DAIRY                  95842  LT2E02  LT2E02  LT2E02  NA
    COLLECTED 12/24/70 0600  SIZE .400 L  SB

FALLON NEV - CREAMLAND DAIRY                  95958  LT2E01  ND      LT2E01  NA
    COLLECTED 12/26/70 0600  SIZE 3.00 L  SB
    K=1.3E00

FALLON NEV - CREAMLAND DAIRY                  96146  LT2E02  ND      LT2E02  NA
    COLLECTED 12/29/70       SIZE .400 L  SB
    K=1.1E00

FALLON NEV - CRFAMLAND DAIRY                  96122  LT2E01  ND      LT2E01  NA
    COLLECTED 12/30/70 0600  SIZE 3.50 L  SB
    K=1.0E00

FALLON NEV - CREAMLAND DAIRY                  96283  LT2E01  ND      LT2E01  NA
    COLLECTED 12/31/70 0600  SIZE 2.50 L  SB
    K=1.2E00

FALLON NEV - CRFAMLAND DAIRY                  96284  LT2E01  ND      LT2E01  NA
    COLLECTED 01/02/71 0600  SIZE 2.50 L  SB
    K=1.3E00

GENOA NEV - MEADOW GOLD DAIRY                 95322  LT2E01  LT2E01  LT2E01  NA
    COLLECTED 12/20/70 1800  SIZE 3.50 L  SB
    K=1.5E00            89SR=LT5E00
    90SR=0.3E01

GENOA NEV - MEADOW GOLD DAIRY                 95843  LT2E01  LT2E01  LT2E01  NA
    COLLECTED 12/22/70 0600  SIZE 3.50 L  SB
    K=1.4E00

GENOA NEV - MEADOW GOLD DAIRY                 95966  LT2E01  ND      LT2E01  NA
    COLLECTED 12/22/70 0600  SIZE 3.50 L  SB
    K=1.2E00

GENOA NEV - MEADOW GOLD DAIRY                 95974  LT2E01  ND      LT2E01  NA
    COLLECTED 12/23/70 1800  SIZE 3.50 L  SB
    K=1.4E00

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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ULATIVE NEVADA MILK RESULTS

                          LAB-NO.& 131I     133I     137CS    3H
                          USE CODE PCI/L    PCI/L    PCI/L    PCI/L

EAMLAND DAIRY                95682   LT2E01   LT2E01   LT2E01   NA
2/23/70 0600  SIZE 3.50 L  SB


REAMLAND DAIRY               95842   LT2E02   LT2E02   LT2E02   NA
12/24/70 0600  SIZE .400 L  SB

REAMLAND DAIRY               95958   LT2E01   ND       LT2E01   NA
12/26/70 0600  SIZE 3.00 L  SB


REAMLAND DAIRY               96146   LT2E02   ND       LT2E02   NA
12/29/70       SIZE .400 L  SB


REAMLAND DAIRY               96122   LT2E01   ND       LT2E01   NA
12/30/70 0600  SIZE 3.50 L  SB


REAMLAND DAIRY               96283   LT2E01   ND       LT2E01   NA
12/31/70 0600  SIZE 2.50 L  SB


REAMLAND DAIRY               96284   LT2E01   ND       LT2E01   NA
01/02/71 0600  SIZE 2.50 L  SB


ADOW GOLD DAIRY              95322   LT2E01   LT2E01   LT2E01   NA
12/20/70 1800  SIZE 3.50 L  SB
          89SR=LT5E00
1

ADOW GOLD DAIRY              95843   LT2E01   LT2E01   LT2E01   NA
12/22/70 0600  SIZE 3.50 L  SB


ADOW GOLD DAIRY              95966   LT2E01   ND       LT2E01   NA
12/22/70 0600  SIZE 3.50 L  SB


ADOW GOLD DAIRY              95974   LT2E01   ND       LT2E01   NA
12/23/70 1800  SIZE 3.50 L  SB


THERWISE NOTED, RESULTS ARE
CURIES PER UNIT OF SIZE,
 IS IN GRAMS PER UNIT OF SIZE.
SS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA MILK RESULTS

LOCATION                                  LAB-NO.& 131I    133I    137CS   3H
                                          USE CODE PCI/L   PCI/L   PCI/L   PCI/

GENOA NEV - MEADOW GOLD DAIRY              96136   LT2E01  ND      LT2E01  NA
    COLLECTED 12/25/70 1800  SIZE 3.50 L  SB
    K=1.2E00

GENOA NEV - MEADOW GOLD DAIRY              96128   LT2E01  ND      LT2E01  NA
    COLLECTED 12/27/70 1800  SIZE 3.50 L  SB
    K=1.4E00

HIKO NEV - SCHOFIELD DAIRY                 93838   LT2E01  LT2E01  LT2E01  NA
    COLLECTED 12/19/70 1135  SIZE 3.50 L  6992
    K=1.2E00

HIKO NEV - SCHOFIELD DAIRY                 95048   LT2E01  LT2E01  LT2E01  NA
    COLLECTED 12/20/70 1010  SIZE 3.50 L  6992
    K=1.2E00

HIKO NEV - SCHOFIELD DAIRY                 95237   LT2E01  LT2E01  LT2E01  NA
    COLLECTED 12/21/70 0600  SIZE 3.50 L  6992
    K=1.5E00

HIKO NEV - SCHOFIELD DAIRY                 95396   LT2E01  LT2E01  LT2E01  NA
    COLLECTED 12/22/70 0855  SIZE 3.50 L  6992
    K=1.5E00

LATHROP WELLS NEV EASTMAN RANCH            95590   LT2E01  LT2E01  LT2E01  NA
    COLLECTED 12/23/70 0600  SIZE 3.50 L  6992
    K=1.0E00

LATHROP WELLS NEV EASTMAN RANCH            95686   LT2E01  LT2E01  LT2E01  NA
    COLLECTED 12/24/70 0930  SIZE 3.50 L  8992
    K=1.4E00

LOGANDALE NEV - VEGAS VALLEY DAIRY         93909   LT2E01  LT2E01  LT2E01  NA
    COLLECTED 12/19/70 0600  SIZE 3.50 L  0002
    K=1.2E00

LOGANDALE NEV - VEGAS VALLEY DAIRY         95314   LT2E01  LT2E01  LT2E01  NA
    COLLECTED 12/20/70 0600  SIZE 3.50 L  0002
    K=1.2E00

LUND NEV MCKENZIE DAIRY                    95485   LT2E01  LT2E01  LT2E01  NA
    COLLECTED 12/22/70 0600  SIZE 3.50 L  6942
    K=1.3E00

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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CCUMULATIVE NEVADA MILK RESULTS

                            LAB-NO.& 131I    133I    137CS   3H
                            USE CODE PCI/L   PCI/L   PCI/L   PCI/L

 MEADOW GOLD DAIRY             96136   LT2E01  ND      LT2E01  NA
ED 12/25/70 1800  SIZE 3.50 L  SB
0

 MEADOW GOLD DAIRY             96128   LT2E01  ND      LT2E01  NA
ED 12/27/70 1800  SIZE 3.50 L  SB
0

SCHOFIELD DAIRY                93838   LT2E01  LT2E01  LT2E01  NA
ED 12/19/70 1135  SIZE 3.50 L  6992
0

SCHOFIELD DAIRY                95048   LT2E01  LT2E01  LT2E01  NA
ED 12/20/70 1010  SIZE 3.50 L  6992
0

SCHOFIELD DAIRY                95237   LT2E01  LT2E01  LT2E01  NA
ED 12/21/70 0600  SIZE 3.50 L  6992

SCHOFIELD DAIRY                95396   LT2E01  LT2E01  LT2E01  NA
ED 12/22/70 0855  SIZE 3.50 L  6992

LS NEV EASTMAN RANCH           95590   LT2E01  LT2E01  LT2E01  NA
ED 12/23/70 0600  SIZE 3.50 L  6992

LS NEV EASTMAN RANCH           95686   LT2E01  LT2E01  LT2E01  NA
ED 12/24/70 0930  SIZE 3.50 L  8992

V - VEGAS VALLEY DAIRY         93909   LT2E01  LT2E01  LT2E01  NA
D 12/19/70 0600  SIZE 3.50 L  0002

V - VEGAS VALLEY DAIRY         95314   LT2E01  LT2E01  LT2E01  NA
D 12/20/70 0600  SIZE 3.50 L  0002

ENZIE DAIRY                    95485   LT2E01  LT2E01  LT2E01  NA
D 12/22/70 0600  SIZE 3.50 L  6942

 OTHERWISE NOTED, RESULTS ARE
O-CURIES PER UNIT OF SIZE,
 K IS IN GRAMS PER UNIT OF SIZE.
LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA MILK RESULTS

LOCATION
                                          LAB-NO.& 131I    133I    137CS    3
                                          USE CODE PCI/L   PCI/L   PCI/L    P

LUND NEV - MCKENZIE DAIRY                   93894  LT2E01  LT2E01  LT2E01   N
    COLLECTED 12/19/70 0600  SIZE 3.50 L  6992
    K=1.1E00

LUND NEV - MCKENZIE DAIRY                   95239  LT2E01  LT2E01  LT2E01   N
    COLLECTED 12/20/70 0600  SIZE 3.50 L  6942
    K=1.3E00

LUND NEV - MCKENZIE DAIRY                   95233  LT2E01  LT2E01  LT2E01   N
    COLLECTED 12/21/70 0600  SIZE 3.50 L  6942
    K=1.2E00

MCGILL NEV - LARSEN RANCH                   95487  3.0E01  3.0E01  LT2E01   L
    COLLECTED 12/21/70 1800  SIZE 3.50 L  1922
    K=1.2E00            89SR=LT5E00
    90SR=0.3E01

MCGILL NEV - LARSEN RANCH                   95486  3.0E01  3.0E01  LT2E01   LT
    COLLECTED 12/22/70 0600  SIZE 3.50 L  1922
    K=1.4E00            89SR=LT5E00
    90SR=0.3E01

MCGILL NEV - LARSEN RANCH                   95627  2.0E01  LT2E01  LT2E01   LT
    COLLECTED 12/23/70 0600  SIZE 3.50 L  6992
    K=1.2E00            89SR=LT5E00
    90SR=0.2E01

MESQUITE NEV - HUGHES BROS DAIRY            93908  LT2E01  LT2E01  LT2E01   NA
    COLLECTED 12/19/70 0600  SIZE 3.20 L  6092
    K=1.3E00

MESQUITE NEV - HUGHES BROS DAIRY            95313  LT2E01  LT2E01  LT2E01   NA
    COLLECTED 12/21/70 1800  SIZE 3.50 L  9382
    K=1.4E00

NYALA NEV - SHARP'S RANCH                   93893  LT2E01  2.1E02  LT2E01   LT
    COLLECTED 12/19/70 0600  SIZE 3.50 L  6992
    K=1.4E00            89SR=LT5E00
    90SR=0.5E01

NYALA NEV - SHARP'S RANCH                   95173  3.0E01  2.3E02  LT2E01   LT
    COLLECTED 12/20/70 0600  SIZE 3.50 L  6992
    K=1.6E00            89SR=LT5E00
    90SR=0.3E01

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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RY ACCUMULATIVE NEVADA MILK RESULTS

N
                                          LAB-NO.& 131I     133I     137CS    3H
                                          USE CODE PCI/L    PCI/L    PCI/L    PCI/L

V - MCKENZIE DAIRY                          93894   LT2E01   LT2E01   LT2E01   NA
LECTED 12/19/70 0600  SIZE 3.50 L  6992
1E00

V - MCKENZIE DAIRY                          95239   LT2E01   LT2E01   LT2E01   NA
LECTED 12/20/70 0600  SIZE 3.50 L  6942
3E00

V - MCKENZIE DAIRY                          95233   LT2E01   LT2E01   LT2E01   NA
LECTED 12/21/70 0600  SIZE 3.50 L  6942
2E00

FV - LARSEN RANCH                           95487   3.0E01   3.0E01   LT2E01   LT4E02
ECTED 12/21/70 1800  SIZE 3.50 L  1922
2E00            89SR=LT5E00
=0.3E01

EV - LARSEN RANCH                           95486   3.0E01   3.0E01   LT2E01   LT4E02
ECTED 12/22/70 0600  SIZE 3.50 L  1922
4E00            89SR=LT5E00
=0.3E01

EV - LARSEN RANCH                           95627   2.0E01   LT2E01   LT2E01   LT4E02
ECTED 12/23/70 0600  SIZE 3.50 L  6992
2E00            89SR=LT5E00
=0.2E01

 NEV - HUGHES BROS DAIRY                    93908   LT2E01   LT2E01   LT2E01   NA
CTED 12/19/70 0600  SIZE 3.20 L  6092
E00

 NEV - HUGHES BROS DAIRY                    95313   LT2E01   LT2E01   LT2E01   NA
CTED 12/21/70 1800  SIZE 3.50 L  9382
E00

 - SHARP'S RANCH                            93893   LT2E01   2.1E02   LT2E01   LT4E02
CTED 12/19/70 0600  SIZE 3.50 L  6992
E00             89SR=LT5E00
0.5E01

 - SHARP'S RANCH                            95173   3.0E01   2.3E02   LT2E01   LT4E02
CTED 12/20/70 0600  SIZE 3.50 L  6992
E00             89SR=LT5E00
0.3E01

ESS OTHERWISE NOTED, RESULTS ARE
PICO-CURIES PER UNIT OF SIZE,
EPT K IS IN GRAMS PER UNIT OF SIZE.
X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS

                          PAGE   31
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BANEBERRY ACCUMULATIVE NEVADA MILK RESULTS

LOCATION                                LAB-NO.& 131I    133I    137CS   3H
                                        USE CODE PCI/L   PCI/L   PCI/L   PCI

NYALA NEV - SHARP'S RANCH                 95418  3.1E01  8.9E01  LT2E01  LT4
    COLLECTED 12/21/70 1020  SIZE 3.50 L  6992
    K=1.1E00            89SR=LT5E00
    90SR=0.4E01

NYALA NEV - SHARP'S RANCH                 95417  LT2E01  2.0E01  LT2E01  LT4
    COLLECTED 12/22/70 0945  SIZE 3.50 L  6992
    K=1.2E00            89SR=LT5E00
    90SR=0.4E01

NYALA NEV - SHARP'S RANCH                 95626  2.0E01  2.0E01  LT2E01  LT4
    COLLECTED 12/23/70 0600  SIZE 3.50 L  6992
    K=1.4E00            89SR=LT5E00
    90SR=0.3E01

NYALA NEV - SHARP'S RANCH                 95756  LT2E01  LT2E01  LT2E01  NA
    COLLECTED 12/24/70 0600  SIZE 3.50 L  6992
    K=1.1E00

NYALA NEV - SHARP'S RANCH                 95922  LT2E01  ND      LT2E01  NA
    COLLECTED 12/28/70 0600  SIZE 3.50 L  6992
    K=1.5E00

PANACA NEV - KENNETH LEE RANCH            95044  LT2E01  4.0E01  LT2E01  LT4
    COLLECTED 12/20/70 0600  SIZE 3.50 L  6992
    K=1.0E00            89SR=LT5E00
    90SR=0.5E01

PANACA NEV - KENNETH LEE RANCH            95242  4.0E01  1.3E02  LT2E01  LT4
    COLLECTED 12/21/70 0600  SIZE 3.50 L  6992
    K=1.3E00            89SR=LT5E00
    90SR=0.4E01

PANACA NEV - KENNETH LEE RANCH            95393  LT2E01  LT2E01  LT2E01  NA
    COLLECTED 12/22/70 1035  SIZE 3.50 L  6992
    K=1.0E01

RENO NEV - ANDERSON DAIRY                 95692  LT2E01  LT2E01  LT2E01  NA
    COLLECTED 12/21/70 0600  SIZE 3.50 L  SB
    K=1.2E00            89SR=LT5E00
    90SR=0.5E01

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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ACCUMULATIVE NEVADA MILK RESULTS

                              LAB-NO.& 131I     133I     137CS    3H
                              USE CODE PCI/L    PCI/L    PCI/L    PCI/L

 - SHARP'S RANCH                95418  3.1E01   8.9E01   LT2E01   LT4E02
CTED 12/21/70 1020  SIZE 3.50 L  6992
E00          89SR=LT5E00
0.4E01

 - SHARP'S RANCH                95417  LT2E01   2.0E01   LT2E01   LT4E02
CTED 12/22/70 0945  SIZE 3.50 L  6992
E00          89SR=LT5E00
0.4E01

 - SHARP'S RANCH                95626  2.0E01   2.0E01   LT2E01   LT4E02
CTED 12/23/70 0600  SIZE 3.50 L  6992
E00          89SR=LT5E00
0.3E01

 - SHARP'S RANCH                95756  LT2E01   LT2E01   LT2E01   NA
CTED 12/24/70 0600  SIZE 3.50 L  6992
E00

 - SHARP'S RANCH                95922  LT2E01   ND       LT2E01   NA
CTED 12/28/70 0600  SIZE 3.50 L  6992
E00

V - KENNETH LEE RANCH           95044  LT2E01   4.0E01   LT2E01   LT4E02
CTED 12/20/70 0600  SIZE 3.50 L  6992
E00          89SR=LT5E00
0.5E01

V - KENNETH LEE RANCH           95242  4.0E01   1.3E02   LT2E01   LT4E02
CTED 12/21/70 0600  SIZE 3.50 L  6992
E00          89SR=LT5E00
0.4E01

V - KENNETH LEE RANCH           95393  LT2E01   LT2E01   LT2E01   NA
CTED 12/22/70 1035  SIZE 3.50 L  6992
E01

- ANDERSON DAIRY                95692  LT2E01   LT2E01   LT2E01   NA
CTED 12/21/70 0600  SIZE 3.50 L  SB
E00          89SR=LT5E00
0.5E01

ESS OTHERWISE NOTED, RESULTS ARE
PICO-CURIES PER UNIT OF SIZE,
EPT K IS IN GRAMS PER UNIT OF SIZE.
X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA MILK RESULTS

LOCATION                                        LAB-NO.& 131I    133I    137CS
                                                USE CODE PCI/L   PCI/L   PCI/L

RENO NEV - ANDERSON DAIRY                         95693   LT2E01  LT2E01  LT2E01
    COLLECTED 12/22/70 0600  SIZE 3.50 L  SB
    K=1.4E00

RENO NEV - ANDERSON DAIRY                         95891   LT2E01  ND      LT2E01
    COLLECTED 12/22/70 1800  SIZE 3.50 L  SB
    K=1.0E00

RENO NEV - ANDERSON DAIRY                         95847   LT2E01  LT2E01  LT2E01
    COLLECTED 12/23/70 0600  SIZE 3.50 L  SB
    K=1.2E00

RENO NEV - MODEL DAIRY                            95892   LT2E01  ND      LT2E01
    COLLECTED 12/20/70 1800  SIZE 3.50 L  SB
    K=1.0E00

RENO NEV - MODEL DAIRY                            95890   LT2E01  ND      LT2E01
    COLLECTED 12/21/70 1800  SIZE 3.50 L  SB
    K=1.0E00

RENO NEV - MODEL DAIRY                            95893   LT2E01  ND      LT2E01
    COLLECTED 12/22/70 0600  SIZE 3.50 L  SB
    K=1.1E00

RENO NEV - MODEL DAIRY                            95694   LT2E01  LT2E01  LT2E01
    COLLECTED 12/23/70 0600  SIZE 3.50 L  SB
    K=1.4E00            89SR=LT5E00
    90SR=0.3E01

RENO NEV - MODEL DAIRY                            95873   LT2E01  ND      LT2E01
    COLLECTED 12/24/70 0600  SIZE 3.50 L  SB
    K=1.0E00

RENO NEV - MODEL DAIRY                            95965   LT2E01  ND      LT2E01
    COLLECTED 12/24/70 0600  SIZE 3.50 L  SB
    K=1.0E01

RENO NEV - MODEL DAIRY                            95963   LT2E01  ND      LT2E01
    COLLECTED 12/25/70 1800  SIZE 3.50 L  SB
    K=1.2E00

RENO NEV - MODEL DAIRY                            95976   LT2E01  ND      LT2E01
    COLLECTED 12/25/70 1800  SIZE 3.50 L  SB
    K=1.3E00

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BERRY ACCUMULATIVE NEVADA MILK RESULTS

TION
                                         LAB-NO.& 131I    133I    137CS    3H
                                         USE CODE PCI/L   PCI/L   PCI/L    PCI/L

NEV - ANDERSON DAIRY                        95693   LT2E01  LT2E01  LT2E01   NA
COLLECTED 12/22/70 0600  SIZE 3.50 L  SB
K=1.4E00

NEV - ANDERSON DAIRY                        95891   LT2E01  ND      LT2E01   NA
COLLECTED 12/22/70 1800  SIZE 3.50 L  SB
=1.0E00

NEV - ANDERSON DAIRY                        95847   LT2E01  LT2E01  LT2E01   NA
OLLECTED 12/23/70 0600  SIZE 3.50 L  SB
=1.2E00

NEV - MODEL DAIRY                           95892   LT2E01  ND      LT2E01   NA
OLLECTED 12/20/70 1800  SIZE 3.50 L  SB
=1.0E00

NEV - MODEL DAIRY                           95890   LT2E01  ND      LT2E01   NA
OLLECTED 12/21/70 1800  SIZE 3.50 L  SB
=1.0E00

NEV - MODEL DAIRY                           95893   LT2E01  ND      LT2E01   NA
OLLECTED 12/22/70 0600  SIZE 3.50 L  SB
=1.1E00

NEV - MODEL DAIRY                           95694   LT2E01  LT2E01  LT2E01   NA
OLLECTED 12/23/70 0600  SIZE 3.50 L  SB
1.4E00             89SR=LT5E00
SR=0.3E01

EV - MODEL DAIRY                            95873   LT2E01  ND      LT2E01   NA
LLECTED 12/24/70 0600  SIZE 3.50 L  SB
1.0E00

EV - MODEL DAIRY                            95965   LT2E01  ND      LT2E01   NA
LLECTED 12/24/70 0600  SIZE 3.50 L  SB
1.0E01

EV - MODEL DAIRY                            95963   LT2E01  ND      LT2E01   NA
LLECTED 12/25/70 1800  SIZE 3.50 L  SB
1.2E00

EV - MODEL DAIRY ,                          95976   LT2E01  ND      LT2E01   NA
LLECTED 12/25/70 1800  SIZE 3.50 L  SB
1.3E00

UNLESS OTHERWISE NOTED, RESULTS ARE
IN PICO-CURIES PER UNIT OF SIZE,
EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA MILK RESULTS

LOCATION                                LAB-NO.& 131I    133I    137CS   3H
                                        USE CODE PCI/L   PCI/L   PCI/L   PCI

RENO NEV - MODEL DAIRY                     95972 LT2E01  ND      LT2E01  NA
    COLLECTED 12/26/70 0600  SIZE 3.50 L  SB
    K=1.4E00

RENO NEV - MODEL DAIRY                     95960 LT2E01  ND      LT2E01  NA
    COLLECTED 12/27/70 0600  SIZE 3.50 L  SB
    K=1.0E00

RENO NEV - MODEL DAIRY                     95967 LT2E01  ND      LT2E01  NA
    COLLECTED 12/27/70 0600  SIZE 3.50 L  SB
    K=1.0E00

ROUND MT NEV - KARL BERG RANCH             95187 3.0E01  6.6E02  LT2E01  6.6
    COLLECTED 12/19/70 1800  SIZE 3.50 L  1922
    K=1.1E00           89SR=LT5E00
    90SR=0.1E02

ROUND MT NEV - KARL BERG RANCH             95416 7.0E01  2.0E02  LT2E01  4.9
    COLLECTED 12/21/70 1015  SIZE 3.50 L  1922
    K=1.1E00           89SR=LT5E00
    90SR=0.7E01

ROUND MT NEV - KARL BERG RANCH             95395 3.0E01  9.0E01  LT2E01  6.1
    COLLECTED 12/22/70 1010  SIZE 3.50 L  1922
    K=1.1E00           89SR=LT5E00
    90SR=0.5E01

ROUND MT NEV - KARL BERG RANCH             95625 5.0E01  3.0E01  LT2E01  NA
    COLLECTED 12/23/70 1300  SIZE 3.50 L  1922
    K=1.4E00

ROUND MT NEV - KARL BERG RANCH             95734 4.0E01  LT2E01  LT2E01  6.0
    COLLECTED 12/24/70 0600  SIZE 3.50 L  1922
    K=1.6E00           89SR=LT5E00
    90SR=0.5E01

ROUND MT NEV - KARL BERG RANCH             95898 3.0E01  ND      LT2E01  6.7
    COLLECTED 12/25/70 0600  SIZE 3.50 L  1922
    K=1.3E00           89SR=LT5E00
    90SR=0.6E01

ROUND MT NEV - KARL BERG RANCH             95904 LT2E01  ND      LT2E01  NA
    COLLECTED 12/26/70 0600  SIZE 3.50 L  1922
    K=1.0E00

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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CCUMULATIVE NEVADA MILK RESULTS

                            LAB-NO.& 131I    133I    137CS   3H
                            USE CODE PCI/L   PCI/L   PCI/L   PCI/L

MODEL DAIRY                  95972   LT2E01  ND      LT2E01  NA
ED 12/26/70 0600  SIZE 3.50 L  SB
0

MODEL DAIRY                  95960   LT2E01  ND      LT2E01  NA
ED 12/27/70 0600  SIZE 3.50 L  SB
0

MODEL DAIRY                  95967   LT2E01  ND      LT2E01  NA
ED 12/27/70 0600  SIZE 3.50 L  SB
0

V - KARL BERG RANCH          95187   3.0E01  6.6E02  LT2E01  6.6E02
ED 12/19/70 1800  SIZE 3.50 L  1922
0          89SR=LT5E00
1E02

V - KARL BERG RANCH          95416   7.0E01  2.0E02  LT2E01  4.9E02
ED 12/21/70 1015  SIZE 3.50 L  1922
0          89SR=LT5E00
7E01

V - KARL BERG RANCH          95395   3.0E01  9.0E01  LT2E01  6.1E02
ED 12/22/70 1010  SIZE 3.50 L  1922
0          89SR=LT5E00
5E01

V - KARL BERG RANCH          95625   5.0E01  3.0E01  LT2E01  NA
ED 12/23/70 1300  SIZE 3.50 L  1922
0

V - KARL BERG RANCH          95734   4.0E01  LT2E01  LT2E01  6.0E02
ED 12/24/70 0600  SIZE 3.50 L  1922
0          89SR=LT5E00
5E01

V - KARL BERG RANCH          95898   3.0E01  ND      LT2E01  6.7E02
ED 12/25/70 0600  SIZE 3.50 L  1922
0          89SR=LT5E00
6E01

V - KARL BERG RANCH          95904   LT2E01  ND      LT2E01  NA
ED 12/26/70 0600  SIZE 3.50 L  1922
0

S OTHERWISE NOTED, RESULTS ARE
CO-CURIES PER UNIT OF SIZE,
T K IS IN GRAMS PER UNIT OF SIZE.
=LESS THAN X, ND=NOT DETECTED. NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA MILK RESULTS

LOCATION                                 LAB-NO.& 131I    133I    137CS   3H
                                         USE CODE PCI/L   PCI/L   PCI/L   PCI

ROUND MT NEV - KARL BERG RANCH             95903  LT2E01  ND      LT2E01  NA
    COLLECTED 12/27/70 0600  SIZE 3.50 L  1922
    K=1.1E00

ROUND MT NEV - KARL BERG RANCH             96049  LT2E01  ND      LT2E01  NA
    COLLECTED 12/28/70 0600  SIZE 3.30 L  1922
    K=1.0E00

ROUND MT NEV - KARL BERG RANCH             96050  3.0E01  ND      LT2E01  4.7
    COLLECTED 12/29/70 0600  SIZE 3.50 L  1922
    K=1.4E00

SHOSHONE NEV - KIRKEBY RANCH               95017  LT2E01  LT2E01  LT2E01  NA
    COLLECTED 12/19/70 1530  SIZE 3.50 L  6992
    K=1.3E00

SHOSHONE NEV - KIRKEBY RANCH               95250  2.0E01  1.6E02  LT2E00  1.4
    COLLECTED 12/20/70 0600  SIZE 3.50 L  1922
    K=1.2E00           89SR=LT5E00
    90SR=0.5E01

SHOSHONE NEV - KIRKEBY RANCH               95234  4.0E01  8.8E01  LT2E01  1.1
    COLLECTED 12/21/70 0600  SIZE 3.50 L  1922
    K=1.3E00           89SR=LT5E00
    90SR=0.6E01

SHOSHONE NEV - KIRKEBY RANCH               95450  3.0E01  4.0E01  3.0E01  1.4
    COLLECTED 12/22/70 1240  SIZE 3.50 L  1922
    K=1.3E00           89SR=LT5E00
    90SR=0.6E01

SHOSHONE NEV - KIRKEBY RANCH               95624  LT2E01  LT2E01  LT2E01  NA
    COLLECTED 12/23/70 0600  SIZE 3.50 L  2922
    K=1.4E00

SPRINGDALE NEV SEIDENTOPF RCH              96168  LT2E01  ND      LT2E01  NA
    COLLECTED 12/31/70 0600  SIZE .400 L
    K=1.7E00

SPRINGDALE NEV SIEDENTOPF RANCH            96268  LT3E01  ND      LT3E01  NA
    COLLECTED 01/02/71 0600  SIZE 2.50 L  6962
    K=1.2E00

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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ERRY ACCUMULATIVE NEVADA MILK RESULTS

ION
                                          LAB-NO.& 131I    133I     137CS    3H
                                          USE CODE PCI/L   PCI/L    PCI/L    PCI/L
 MT NEV - KARL BERG RANCH
OLLECTED 12/27/70 0600  SIZE 3.50 L  95903 LT2E01  ND       LT2E01   NA
=1.1E00                                1922

 MT NEV - KARL BERG RANCH
OLLECTED 12/28/70 0600  SIZE 3.30 L  96049 LT2E01  ND       LT2E01   NA
=1.0E00                                1922

 MT NEV - KARL BERG RANCH
OLLECTED 12/29/70 0600  SIZE 3.50 L  96050 3.0E01  ND       LT2E01   4.7E02
=1.4E00                                1922

ONE NEV - KIRKEBY RANCH
OLLECTED 12/19/70 1530  SIZE 3.50 L  95017 LT2E01  LT2E01   LT2E01   NA
1.3E00                                 6992

ONE NEV - KIRKEBY RANCH
LLECTED 12/20/70 0600  SIZE 3.50 L   95250 2.0E01  1.6E02   LT2E00   1.4E03
1.2E00            89SR=LT5E00          1922
SR=0.5E01

NE NEV - KIRKEBY RANCH
LLECTED 12/21/70 0600  SIZE 3.50 L   95234 4.0E01  8.8E01   LT2E01   1.1E03
1.3E00            89SR=LT5E00          1922
SR=0.6E01

NE NEV - KIRKEBY RANCH
LLECTED 12/22/70 1240  SIZE 3.50 L   95450 3.0E01  4.0E01   3.0E01   1.4E03
.3E00             89SR=LT5E00          1922
R=0.6E01

E NEV - KIRKEBY RANCH
LECTED 12/23/70 0600  SIZE 3.50 L    95624 LT2E01  LT2E01   LT2E01   NA
.4E00                                  2922

ALE NEV SEIDENTOPF RCH
LECTED 12/31/70 0600  SIZE .400 L    96168 LT2E01  ND       LT2E01   NA
.7E00

ALE NEV SIEDENTOPF RANCH
LECTED 01/02/71 0600  SIZE 2.50 L    96268 LT3E01  ND       LT3E01   NA
.2E00                                  6962

NLESS OTHERWISE NOTED, RESULTS ARE
N PICO-CURIES PER UNIT OF SIZE,
CEPT K IS IN GRAMS PER UNIT OF SIZE.
T(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA MILK RESULTS

LOCATION                                  LAB-NO.& 131I     133I     137CS    3H
                                          USE CODE PCI/L    PCI/L    PCI/L    PCI

SPRINGDALE NEV SIEDENTOPF RANCH            96266   LT2E02   ND       LT2E01   NA
    COLLECTED 01/04/71 0600  SIZE .400 L  6962
    K=1.0E00

SPRINGDALE NEV - MCCURDY RANCH             95148   3.4E02   1.8E03   LT2E01   1.2
    COLLECTED 12/20/70 1800  SIZE 3.50 L  6192
    K=1.4E00

SPRINGDALE NEV - MCCURDY RANCH             95182   6.0E02   1.6E03   LT2E01   LT4
    COLLECTED 12/21/70 0600  SIZE .400 L  6792
    K=1.0E00

SPRINGDALE NEV - MCCURDY RANCH             95407   5.2E02   6.9E02   4.0E01   LT4
    COLLECTED 12/22/70 0600  SIZE 3.50 L  6792
    K=1.0E00

SPRINGDALE NEV - MCCURDY RANCH             95589   6.6E02   4.3E02   LT2E01   LT4
    COLLECTED 12/23/70 0600  SIZE 3.50 L  6292
    K=1.2E00

SPRINGDALE NEV - MCCURDY RANCH             95687   6.5E02   1.4E02   LT2E01   5.1
    COLLECTED 12/24/70 0700  SIZE 3.50 L  6292
    K=1.3E00            89SR=LT5E00
    90SR=LT2E00

SPRINGDALE NEV - MCCURDY RANCH             95905   7.1E02   ND       LT2E01   LT4
    COLLECTED 12/25/70 0700  SIZE 3.50 L  6292
    K=1.1E00            89SR=LT5E00
    90SR=LT2E00

SPRINGDALE NEV - MCCURDY RANCH             95897   8.1E02   LT2E01   LT2E01   LT4
    COLLECTED 12/26/70 0700  SIZE 3.50 L  6292
    K=1.2E00            89SR=LT5E00
    90SR=0.2E01

SPRINGDALE NEV - MCCURDY RANCH             95896   8.1E02   ND       LT2E01   LT4
    COLLECTED 12/27/70 0700  SIZE 3.50 L  6292
    K=1.5E00

SPRINGDALE NEV - MCCURDY RANCH             95906   7.3E02   ND       6.0E01   LT4
    COLLECTED 12/28/70 0700  SIZE 3.50 L  6292
    K=1.0E00

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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CCUMULATIVE NEVADA MILK RESULTS

                                LAB-NO.& 131I    133I    137CS   3H
                                USE CODE PCI/L   PCI/L   PCI/L   PCI/L

NEV SIEDENTOPF RANCH            96266   LT2E02  ND      LT2E01  NA
ED 01/04/71 0600  SIZE .400 L  6962
0

NEV - MCCURDY RANCH             95148   3.4E02  1.8E03  LT2E01  1.2E03
ED 12/20/70 1800  SIZE 3.50 L  6192
0

NEV - MCCURDY RANCH             95182   6.0E02  1.6E03  LT2E01  LT4E02
ED 12/21/70 0600  SIZE .400 L  6792
0

NEV - MCCURDY RANCH             95407   5.2E02  6.9E02  4.0E01  LT4E02
ED 12/22/70 0600  SIZE 3.50 L  6792
0

NEV - MCCURDY RANCH             95589   6.6E02  4.3E02  LT2E01  LT4E02
ED 12/23/70 0600  SIZE 3.50 L  6292
0

NEV - MCCURDY RANCH             95687   6.5E02  1.4E02  LT2E01  5.1E02
ED 12/24/70 0700  SIZE 3.50 L  6292
0           89SR=LT5E00
2E00

NEV - MCCURDY RANCH             95905   7.1E02  ND      LT2E01  LT4E02
ED 12/25/70 0700  SIZE 3.50 L  6292
0           89SR=LT5E00
2E00

NEV - MCCURDY RANCH             95897   8.1E02  LT2E01  LT2E01  LT4E02
ED 12/26/70 0700  SIZE 3.50 L  6292
0           89SR=LT5E00
2E01

NEV - MCCURDY RANCH             95896   8.1E02  ND      LT2E01  LT4E02
ED 12/27/70 0700  SIZE 3.50 L  6292
0

NEV - MCCURDY RANCH             95906   7.3E02  ND      6.0E01  LT4E02
ED 12/28/70 0700  SIZE 3.50 L  6292
0

S OTHERWISE NOTED, RESULTS ARE
CO-CURIES PER UNIT OF SIZE,
T K IS IN GRAMS PER UNIT OF SIZE.
=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA MILK RESULTS

LOCATION                                  LAB-NO.& 131I    133I    137CS
                                          USE CODE PCI/L   PCI/L   PCI/L

SPRINGDALE NEV - MCCURDY RANCH             96057   6.9E02  ND      LT2E01
    COLLECTED 12/29/70 0730  SIZE 3.50 L  6292
    K=1.0E00            89SR=LT5E00
    90SR=0.2E01

SPRINGDALE NEV - MCCURDY RANCH             96058   6.7E02  ND      LT2E01
    COLLECTED 12/30/70 0730  SIZE 3.50 L  6292
    K=1.0E00            89SR=LT5E00
    90SR=0.2E01

SPRINGDALE NEV - MCCURDY RANCH             96104   7.8E02  ND      LT2E01
    COLLECTED 12/30/70 1230  SIZE 3.50 L
    K=1.0E00            89SR=LT5E00
    90SR=LT2E00

SPRINGDALE NEV - MCCURDY RANCH             96123   6.7E02  ND      LT2E01
    COLLECTED 12/31/70 0730  SIZE 3.50 L
    K=1.1E00            89SR=LT5E00
    90SR=LT2E00

SPRINGDALE NEV - MCCURDY RANCH             96265   7.3E02  ND      LT2E01
    COLLECTED 01/01/71 0600  SIZE 3.50 L  6292
    K=1.1E00

SPRINGDALE NEV - MCCURDY RANCH             96267   6.6E02  ND      LT2E01
    COLLECTED 01/02/71 0730  SIZE 3.50 L  6292
    K=1.1E00

SPRINGDALE NEV - MCCURDY RANCH             96261   4.5E02  ND      LT2E01
    COLLECTED 01/03/71 0730  SIZE 3.50 L  6292
    K=1.1E00

SPRINGDALE NEV - MCCURDY RANCH             96262   4.9E02  ND      LT2E02
    COLLECTED 01/04/71 0600  SIZE 3.50 L  6292
    K=1.2E00

SPRINGDALE NEV - MCCURDY RANCH             96351   4.7E02  ND      LT1E01
    COLLECTED 01/05/71 0600  SIZE 3.50 L  8792
    K=1.1E00            89SR=LT5E00
    90SR=LT2E00

SPRINGDALE NEV - MCCURDY RANCH             96350   3.3E02  ND      LT1E01
    COLLECTED 01/06/71 0600  SIZE 3.50 L  8792
    K=1.4E00

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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Y ACCUMULATIVE NEVADA MILK RESULTS

                                        LAB-NO.& 131I     133I     137CS    3H
                                        USE CODE PCI/L    PCI/L    PCI/L    PCI/L

LE NEV - MCCURDY RANCH                    96057   6.9E02  ND       LT2E01   6.3E02
ECTED 12/29/70 0730  SIZE 3.50 L  6292
0E00          89SR=LT5E00
=0.2E01

LE NEV - MCCURDY RANCH                    96058   6.7E02  ND       LT2E01   6.9E02
ECTED 12/30/70 0730  SIZE 3.50 L  6292
0E00          89SR=LT5E00
=0.2E01

LE NEV - MCCURDY RANCH                    96104   7.8E02  ND       LT2E01   LT4E02
ECTED 12/30/70 1230  SIZE 3.50 L
0E00          89SR=LT5E00
LT2E00

LE NEV - MCCURDY RANCH                    96123   6.7E02  ND       LT2E01   LT4E02
ECTED 12/31/70 0730  SIZE 3.50 L
1E00          89SR=LT5E00
LT2E00

E NEV - MCCURDY RANCH                     96265   7.3E02  ND       LT2E01   LT4E02
CTED 01/01/71 0600  SIZE 3.50 L  6292
E00

E NEV - MCCURDY RANCH                     96267   6.6E02  ND       LT2E01   LT4E02
CTED 01/02/71 0730  SIZE 3.50 L  6292
E00

E NEV - MCCURDY RANCH                     96261   4.5E02  ND       LT2E01   NA
CTED 01/03/71 0730  SIZE 3.50 L  6292
E00

E NEV - MCCURDY RANCH                     96262   4.9E02  ND       LT2E02   LT4E02
CTED 01/04/71 0600  SIZE 3.50 L  6292
E00

E NEV - MCCURDY RANCH                     96351   4.7E02  ND       LT1E01   7.5E02
CTED 01/05/71 0600  SIZE 3.50 L  8792
E00           89SR=LT5E00
LT2E00

E NEV - MCCURDY RANCH                     96350   3.3E02  ND       LT1E01   LT4E02
TED 01/06/71 0600  SIZE 3.50 L  8792
E00

SS OTHERWISE NOTED, RESULTS ARE
ICO-CURIES PER UNIT OF SIZE,
PT K IS IN GRAMS PER UNIT OF SIZE.
)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA MILK RESULTS

LOCATION                                   LAB-NO.& 131I     133I     137CS    3H
                                           USE CODE PCI/L    PCI/L    PCI/L    PCI/

SPRINGDALE NEV - MCCURDY RANCH               96498  3.3E02   ND       LT1E01   LT4E
    COLLECTED 01/07/71 0600  SIZE 3.50 L  6292
    K=1.2E00

SPRINGDALE NEV - MCCURDY RANCH               96401  2.3E02   ND       LT1E01   LT4E
    COLLECTED 01/08/71 0600  SIZE 3.50 L  6292
    K=1.0E00

SPRINGDALE NEV - MCCURDY RANCH               96501  2.2E02   ND       LT2E01   LT4E
    COLLECTED 01/09/71 0600  SIZE 3.50 L  8792
    K=1.1E00            89SR=LT5E00
    90SR=LT2E00

SPRINGDALE NEV - MCCURDY RANCH               96500  2.5E02   ND       LT2E01   LT4E
    COLLECTED 01/10/71 0600  SIZE 3.50 L  8792
    K=1.2E00            89SR=LT5E00
    90SR=LT2E00

SPRINGDALE NEV - MCCURDY RANCH               96499  2.3E02   ND       LT2E01   LT4E
    COLLECTED 01/11/71 0600  SIZE 3.10 L  8792
    K=1.0E00            89SR=LT5E00
    90SR=0.2E01

SPRINGDALE NEV - MCCURDY RANCH               96596  2.4E02   ND       LT2E01   LT4E
    COLLECTED 01/12/71 0630  SIZE 3.50 L  6292
    K=1.0E00

SPRINGDALE NEV - MCCURDY RANCH               96720  2.2E02   ND       LT1E01   LT4E
    COLLECTED 01/15/71 0630  SIZE .400 L  6292
    K=1.0E00

SPRINGDALE NEV - MCCURDY RANCH               96764  1.1E02   ND       LT1E01   LT4E
    COLLECTED 01/18/71 0600  SIZE 3.50 L  6292
    K=1.2E00            89SR=LT5E00
    90SR=0.2E01

SPRINGDALE NEV - MCCURDY RANCH               96780  1.0E02   ND       LT1E01   4.6E
    COLLECTED 01/20/71 0630  SIZE 3.50 L  6292
    K=1.1E00            89SR=LT5E00
    90SR=LT2E00

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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CCUMULATIVE NEVADA MILK RESULTS

                                LAB-NO.& 131I     133I     137CS    3H
                                USE CODE PCI/L    PCI/L    PCI/L    PCI/L

NEV - MCCURDY RANCH              96498   3.3E02   ND       LT1E01   LT4E02
ED 01/07/71 0600  SIZE 3.50 L  6292
0

NEV - MCCURDY RANCH              96401   2.3E02   ND       LT1E01   LT4E02
ED 01/08/71 0600  SIZE 3.50 L  6292
0

NEV - MCCURDY RANCH              96501   2.2E02   ND       LT2E01   LT4E02
ED 01/09/71 0600  SIZE 3.50 L  8792
0           89SR=LT5E00
2E00

NEV - MCCURDY RANCH              96500   2.5E02   ND       LT2E01   LT4E02
ED 01/10/71 0600  SIZE 3.50 L  8792
0           89SR=LT5E00
2E00

NEV - MCCURDY RANCH              96499   2.3E02   ND       LT2E01   LT4E02
ED 01/11/71 0600  SIZE 3.10 L  8792
0           89SR=LT5E00
2E01

NEV - MCCURDY RANCH              96596   2.4E02   ND       LT2E01   LT4E02
ED 01/12/71 0630  SIZE 3.50 L  6292
0

NEV - MCCURDY RANCH              96720   2.2E02   ND       LT1E01   LT4E02
ED 01/15/71 0630  SIZE .400 L  6292
0

NEV - MCCURDY RANCH              96764   1.1E02   ND       LT1E01   LT4E02
ED 01/18/71 0600  SIZE 3.50 L  6292
0           89SR=LT5E00
2E01

NEV - MCCURDY RANCH              96780   1.0E02   ND       LT1E01   4.6E02
ED 01/20/71 0630  SIZE 3.50 L  6292
0           89SR=LT5E00
2E00

S OTHERWISE NOTED, RESULTS ARE
CO-CURIES PER UNIT OF SIZE,
T K IS IN GRAMS PER UNIT OF SIZE.
=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA MILK RESULTS

LOCATION                                      LAB-NO.& 131I     133I     137CS
                                              USE CODE PCI/L    PCI/L    PCI/L

SPRINGDALE NEV - MCCURDY RANCH                 96792   6.0E01   ND       LT1E01
    COLLECTED 01/22/71 0600  SIZE 3.50 L  6292
    K=1.2E00            89SR=LT5E00
    90SR=LT2E00

SPRINGDALE NEV - MCCURDY RANCH                 96806   3.0E01   ND       LT1E01
    COLLECTED 01/25/71 0630  SIZE 3.50 L  6292
    K=1.0E00            89SR=LT5E00
    90SR=LT2E00

SPRINGDALE NEV - MCCURDY RANCH                 96821   3.0E01   ND       LT1E01
    COLLECTED 01/27/71 0615  SIZE 3.50 L  6292
    K=1.1E00            89SR=LT5E00
    90SR=0.2E01

SPRINGDALE NEV - MCCURDY RANCH                 96845   3.0E01   ND       LT1E01
    COLLECTED 01/29/71 0630  SIZE 3.50 L  6292
    K=1.4E00            89SR=LT5E00
    90SR=LT2E00

SPRINGDALE NEV - MCCURDY RANCH                 96883   1.0E01   ND       LT1E01
    COLLECTED 02/01/71 0630  SIZE 3.50 L  6292
    K=1.3E00            89SR=LT5E00
    90SR=LT2E00

SPRINGDALE NEV - MCCURDY RANCH                 96986   LT1E01   ND       LT1E01
    COLLECTED 02/03/71 0600  SIZE 3.50 L  6292
    K=1.0E00            NO
    CHEM

SPRINGDALE NEV - MCCURDY RANCH                 98098   LT1E01   ND       LT1E01
    COLLECTED 02/05/71 0615  SIZE 3.50 L  6292
    K=1.3E00            NO
    CHEM

SPRINGDALE NEV - MCCURDY RANCH                 98207   LT1E01   ND       LT1E01
    COLLECTED 02/08/71 0630  SIZE 3.50 L  6292
    K=1.3E00            NO
    CHEM

YERINGTON NEV - VALLEY DAIRY                   95705   LT2E01   LT2E01   LT2E01
    COLLECTED 12/21/70 0600  SIZE 3.50 L  SB
    K=1.4E00            89SR=LT5E00
    90SR=0.2E01

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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ERRY ACCUMULATIVE NEVADA MILK RESULTS

ION                                     LAB-NO.& 131I     133I     137CS    3H
                                        USE CODE PCI/L    PCI/L    PCI/L    PCI/L

GDALE NEV - MCCURDY RANCH                 96792   6.0E01   ND       LT1E01   LT4E02
OLLECTED 01/22/71 0600  SIZE 3.50 L  6292
=1.2E00            89SR=LT5E00
0SR=LT2E00

GDALE NEV - MCCURDY RANCH                 96806   3.0E01   ND       LT1E01   LT4E02
OLLECTED 01/25/71 0630  SIZE 3.50 L  6292
=1.0E00            89SR=LT5E00
0SR=LT2E00

GDALE NEV - MCCURDY RANCH                 96821   3.0E01   ND       LT1E01   LT4E02
OLLECTED 01/27/71 0615  SIZE 3.50 L  6292
=1.1E00            89SR=LT5E00
0SR=0.2E01

GDALE NEV - MCCURDY RANCH                 96845   3.0E01   ND       LT1E01   LT4E02
OLLECTED 01/29/71 0630  SIZE 3.50 L  6292
=1.4E00            89SR=LT5E00
0SR=LT2E00

GDALE NEV - MCCURDY RANCH                 96883   1.0E01   ND       LT1E01   5.7E02
OLLECTED 02/01/71 0630  SIZE 3.50 L  6292
=1.3E00            89SR=LT5E00
SR=LT2E00

GDALE NEV - MCCURDY RANCH                 96986   LT1E01   ND       LT1E01   NA
OLLECTED 02/03/71 0600  SIZE 3.50 L  6292
=1.0E00            NO
EM

GDALE NEV - MCCURDY RANCH                 98098   LT1E01   ND       LT1E01   NA
OLLECTED 02/05/71 0615  SIZE 3.50 L  6292
=1.3E00            NO
EM

GDALE NEV - MCCURDY RANCH                 98207   LT1E01   ND       LT1E01   NA
OLLECTED 02/08/71 0630  SIZE 3.50 L  6292
=1.3E00            NO
EM

STON NEV - VALLEY DAIRY                   95705   LT2E01   LT2E01   LT2E01   NA
LLECTED 12/21/70 0600  SIZE 3.50 L  SB
=1.4E00            89SR=LT5E00
SR=0.2E01

UNLESS OTHERWISE NOTED, RESULTS ARE
 IN PICO-CURIES PER UNIT OF SIZE,
 EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
 LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA MILK RESULTS

LOCATION                                    LAB-NO.& 131I    133I    137CS   3H
                                            USE CODE PCI/L   PCI/L   PCI/L   PCI/

YERINGTON NEV - VALLEY DAIRY                   95852 LT2E01  LT2E01  LT2E01  NA
    COLLECTED 12/22/70 1800  SIZE 3.50 L  SB
    K=1.0E00

YERINGTON NEV - VALLEY DAIRY                   96149 LT2E01  ND      LT2E01  NA
    COLLECTED 12/28/70 0600  SIZE 3.50 L  SB
    K=1.2E00

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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CCUMULATIVE NEVADA MILK RESULTS

                              LAB-NO.& 131I    133I    137CS   3H
                              USE CODE PCI/L   PCI/L   PCI/L   PCI/L

EV - VALLEY DAIRY               95852   LT2E01  LT2E01  LT2E01  NA
ED 12/22/70 1800  SIZE 3.50 L  SB
0

EV - VALLEY DAIRY               96149   LT2E01  ND      LT2E01  NA
ED 12/28/70 0600  SIZE 3.50 L  SB
0

S OTHERWISE NOTED, RESULTS ARE
CO-CURIES PER UNIT OF SIZE,
T K IS IN GRAMS PER UNIT OF SIZE.
=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE UTAH MILK RESULTS

LOCATION                                LAB-NO.& 131I     133I     137CS    3H
                                        USE CODE PCI/L    PCI/L    PCI/L    PC

CEDAR CITY UTAH - MEADOW GOLD DAIRY       96075   LT2E01   ND       LT2E01   NA
    COLLECTED 12/20/70 0600  SIZE 3.50 L  SB
    K=1.1E00

CEDAR CITY UTAH - MEADOW GOLD DAIRY       96076   LT2E01   ND       LT2E01   NA
    COLLECTED 12/21/70 0600  SIZE 3.50 L  SB
    K=1.0E00

CEDAR CITY UTAH - MEADOW GOLD DAIRY       96086   LT2E01   ND       LT2E01   NA
    COLLECTED 12/22/70 0600  SIZE 3.50 L  SB
    K=1.2E00

CEDAR CITY UTAH - MEADOW GOLD DAIRY       96088   LT2E01   ND       LT2E01   NA
    COLLECTED 12/23/70 0600  SIZE 3.50 L  SB
    K=1.1E00

CEDAR CITY UTAH - MEADOW GOLD DAIRY       96087   LT2E01   ND       LT2E01   NA
    COLLECTED 12/24/70 0600  SIZE 3.50 L  SB
    K=1.2E00

CEDAR CITY UTAH - MEADOW GOLD DAIRY       96077   LT2E01   ND       LT2E01   NA
    COLLECTED 12/25/70 0600  SIZE 3.50 L  SB
    K=1.2E00

CEDAR CITY UTAH - MEADOW GOLD DAIRY       96078   LT2E01   ND       LT2E01   NA
    COLLECTED 12/26/70 0600  SIZE 3.50 L  SB
    K=1.0E00

DELTA UTAH J CLAYTON DAIRY                95071   LT2E01   LT2E01   LT2E01   NA
    COLLECTED 12/19/70 1800  SIZE 3.50 L  6992
    K=1.3E00

DELTA UTAH J CLAYTON DAIRY                95072   LT2E01   LT2E01   LT2E01   NA
    COLLECTED 12/20/70 0600  SIZE 3.50 L  6992
    K=1.3E00

DELTA UTAH JEFFERY CLAYTON DAIRY          95278   LT2E01   LT2E01   LT2E00   NA
    COLLECTED 12/21/70 1018  SIZE 3.50 L  6992
    K=1.4E00

DELTA UTAH JEFFERY CLAYTON DAIRY          95420   LT2E01   LT2E01   LT2E01   NA
    COLLECTED 12/22/70 0810  SIZE 3.50 L  6992
    K=1.[illegible]E00

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
     IN PICO-CURIES PER UNIT OF SIZE,
     EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
     LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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ERRY ACCUMULATIVE UTAH MILK RESULTS

ION                                     LAB-NO.& 131I    133I     137CS    3H
                                        USE CODE PCI/L   PCI/L    PCI/L    PCI/L

 CITY UTAH - MEADOW GOLD DAIRY           96075    LT2E01  ND       LT2E01   NA
OLLECTED 12/20/70 0600  SIZE 3.50 L  SB
=1.1E00

 CITY UTAH - MEADOW GOLD DAIRY           96076    LT2E01  ND       LT2E01   NA
OLLECTED 12/21/70 0600  SIZE 3.50 L  SB
=1.0E00

 CITY UTAH - MEADOW GOLD DAIRY           96086    LT2E01  ND       LT2E01   NA
OLLECTED 12/22/70 0600  SIZE 3.50 L  SB
=1.2E00

 CITY UTAH - MEADOW GOLD DAIRY           96088    LT2E01  ND       LT2E01   NA
OLLECTED 12/23/70 0600  SIZE 3.50 L  SB
=1.1E00

 CITY UTAH - MEADOW GOLD DAIRY           96087    LT2E01  ND       LT2E01   NA
OLLECTED 12/24/70 0600  SIZE 3.50 L  SB
=1.2E00

 CITY UTAH - MEADOW GOLD DAIRY           96077    LT2E01  ND       LT2E01   NA
OLLECTED 12/25/70 0600  SIZE 3.50 L  SB
=1.2E00

 CITY UTAH - MEADOW GOLD DAIRY           96078    LT2E01  ND       LT2E01   NA
OLLECTED 12/26/70 0600  SIZE 3.50 L  SB
=1.0E00

UTAH J CLAYTON DAIRY                     95071    LT2E01  LT2E01   LT2E01   NA
LLECTED 12/19/70 1800  SIZE 3.50 L  6992
1.3E00

UTAH J CLAYTON DAIRY                     95072    LT2E01  LT2E01   LT2E01   NA
LLECTED 12/20/70 0600  SIZE 3.50 L  6992
1.3E00

UTAH JEFFERY CLAYTON DAIRY               95278    LT2E01  LT2E01   LT2E00   NA
LLECTED 12/21/70 1018  SIZE 3.50 L  6992
1.4E00

UTAH JEFFERY CLAYTON DAIRY               95420    LT2E01  LT2E01   LT2E01   NA
LLECTED 12/22/70 0810  SIZE 3.50 L  6992
.5E00

UNLESS OTHERWISE NOTED, RESULTS ARE
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EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE UTAH MILK RESULTS

LOCATION                                      LAB-NO.& 131I    133I    137CS   3H
                                              USE CODE PCI/L   PCI/L   PCI/L   PCI/L

FILLMORE UTAH MRS SAM WADE DAIRY                95073  LT2E01  LT2E01  LT2E01  NA
    COLLECTED 12/19/70 1800  SIZE 3.50 L  6992
    K=1.4E00

FILLMORE UTAH MRS SAM WADE DAIRY                95277  LT2E01  LT2E01  LT2E01  NA
    COLLECTED 12/20/70 1800  SIZE 3.50 L  6992
    K=1.5E00

FILLMORE UTAH MRS SAM WADE DAIRY                95268  LT2E01  LT2E01  LT2E01  NA
    COLLECTED 12/21/70 0600  SIZE 3.50 L  6992
    K=1.5E00

FILLMORE UTAH MRS SAM WADE DAIRY                95419  LT2E01  LT2E01  LT2E01  NA
    COLLECTED 12/22/70 0920  SIZE 3.50 L  6992
    K=1.0E00

MILFORD UTAH BILL POWELL DAIRY                  95276  LT2E01  LT2E01  LT2E01  NA
    COLLECTED 12/19/70 1800  SIZE 3.50 L  6992
    K=1.4E00

MILFORD UTAH BILL POWELL DAIRY                  95275  LT2E01  LT2E01  LT2E00  NA
    COLLECTED 12/20/70 1800  SIZE 3.50 L  6992
    K=1.2E00

MILFORD UTAH BILL POWELL DAIRY                  95272  LT2E01  LT2E01  LT2E00  NA
    COLLECTED 12/21/70 0600  SIZE 3.50 L  6992
    K=1.2E00

MILFORD UTAH BILL POWELL DAIRY                  95421  LT2E01  LT2E01  LT2E01  NA
    COLLECTED 12/22/70 1110  SIZE 3.50 L  6992
    K=1.0E00

MINERSVILLE UTAH - MINERSVILLE DAIRY            95725  LT2E01  LT2E01  LT2E01  NA
    COLLECTED 12/21/70 0600  SIZE 3.50 L  SB
    K=1.4E00            89SR=LT5E00
    90SR=0.2E01

MINERSVILLE UTAH - MINERSVILLE DAIRY            95973  LT2E01  ND      LT2E01  NA
    COLLECTED 12/22/70 0600  SIZE 3.50 L  SB
    K=1.0E00

MINERSVILLE UTAH - MINERSVILLE DAIRY            95985  LT2E01  ND      LT2E01  NA
    COLLECTED 12/23/70 0600  SIZE 3.50 L  SB
    K=1.3E00

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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ERRY ACCUMULATIVE UTAH MILK RESULTS

ION                                      LAB-NO.& 131I    133I    137CS   3H
                                         USE CODE PCI/L   PCI/L   PCI/L   PCI/L

ORE UTAH MRS SAM WADE DAIRY               95073   LT2E01  LT2E01  LT2E01  NA
OLLECTED 12/19/70 1800  SIZE 3.50 L  6992
=1.4E00

ORE UTAH MRS SAM WADE DAIRY               95277   LT2E01  LT2E01  LT2E01  NA
OLLECTED 12/20/70 1800  SIZE 3.50 L  6992
=1.5E00

ORE UTAH MRS SAM WADE DAIRY               95268   LT2E01  LT2E01  LT2E01  NA
OLLECTED 12/21/70 0600  SIZE 3.50 L  6992
=1.5E00

ORE UTAH MRS SAM WADE DAIRY               95419   LT2E01  LT2E01  LT2E01  NA
CLLECTED 12/22/70 0920  SIZE 3.50 L  6992
=1.0E00

RD UTAH BILL POWELL DAIRY                 95276   LT2E01  LT2E01  LT2E01  NA
OLLECTED 12/19/70 1800  SIZE 3.50 L  6992
=1.4E00

RD UTAH BILL POWELL DAIRY                 95275   LT2E01  LT2E01  LT2E00  NA
OLLECTED 12/20/70 1800  SIZE 3.50 L  6992
=1.2E00

RD UTAH BILL POWELL DAIRY                 95272   LT2E01  LT2E01  LT2E00  NA
OLLECTED 12/21/70 0600  SIZE 3.50 L  6992
=1.2E00

RD UTAH BILL POWELL DAIRY                 95421   LT2E01  LT2E01  LT2E01  NA
OLLECTED 12/22/70 1110  SIZE 3.50 L  6992
=1.0E00

SVILLE UTAH - MINERSVILLE DAIRY           95725   LT2E01  LT2E01  LT2E01  NA
OLLECTED 12/21/70 0600  SIZE 3.50 L  SB
=1.4E00            89SR=LT5E00
SR=0.2E01

SVILLE UTAH - MINERSVILLE DAIRY           95973   LT2E01  ND      LT2E01  NA
OLLECTED 12/22/70 0600  SIZE 3.50 L  SB
=1.0E00

SVILLE UTAH - MINERSVILLE DAIRY           95985   LT2E01  ND      LT2E01  NA
OLLECTED 12/23/70 0600  SIZE 3.50 L  SB
=1.3E00

UNLESS OTHERWISE NOTED, RESULTS ARE
 IN PICO-CURIES PER UNIT OF SIZE,
 EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
 LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE UTAH MILK RESULTS

LOCATION
                                           LAB-NO.& 131I    133I    137CS
                                           USE CODE PCI/L   PCI/L   PCI/L

MINERSVILLE UTAH - MINERSVILLE DAIRY        95872    LT2E01  ND      LT2E01
    COLLECTED 12/24/70 0600  SIZE 3.50 L  SB
    K=1.1E00

MINERSVILLE UTAH - MINERSVILLE DAIRY        95971    LT2E01  ND      LT2E01
    COLLECTED 12/26/70 0600  SIZE 3.50 L  SB
    K=1.1E00

MINERSVILLE UTAH - MINERSVILLE DAIRY        96080    LT2E01  ND      LT2E01
    COLLECTED 12/27/70 0600  SIZE 3.50 L  SB
    K=1.0E00

MINERSVILLE UTAH - MINERSVILLE DAIRY        96034    LT2E01  ND      LT2E01
    COLLECTED 12/28/70 0600  SIZE 3.50 L  SB
    K=1.1E00

MT PLEASANT UTAH - BROOKLAWN CREAMERY       95797    LT2E01  LT2E01  LT2E01
    COLLECTED 12/23/70 0600  SIZE 3.50 L  SB
    K=1.5E00            89SR=LT5E00
    90SR=0.6E01

MT PLEASANT UTAH - BROOKLAWN CREAMERY       95853    LT2E01  LT2E01  LT2E01
    COLLECTED 12/24/70 0600  SIZE 3.50 L  SB
    K=1.6E00            89SR=LT5E00
    90SR=0.4E01

MT PLEASANT UTAH - BROOKLAWN CREAMERY       95957    LT2E01  ND      LT2E01
    COLLECTED 12/25/70 0600  SIZE 3.50 L  SB
    K=1.1E00

MT PLEASANT UTAH - BROOKLAWN CREAMERY       96134    LT2E01  ND      LT2E01
    COLLECTED 12/28/70 0600  SIZE 3.50 L  SB
    K=1.0E00

MT PLEASANT UTAH - BROOKLAWN CREAMERY       96148    LT2E01  ND      LT2E01
    COLLECTED 12/29/70 0600  SIZE 3.50 L  SB
    K=1.0E00

MT PLEASANT UTAH - BROOKLAWN CREAMERY       96157    LT2E01  ND      LT2E01
    COLLECTED 12/31/70 1100  SIZE 3.50 L  SB
    K=1.5E00

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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ERRY ACCUMULATIVE UTAH MILK RESULTS

ION                                       LAB-NO,& 131I     133I    137CS    3H
                                          USE CODE PCI/L    PCI/L   PCI/L    PCI/L

SVILLE UTAH - MINERSVILLE DAIRY    95872   LT2E01   ND      LT2E01   NA
OLLECTED 12/24/70 0600  SIZE 3.50 L  SB
=1.1E00

SVILLE UTAH - MINERSVILLE DAIRY    95971   LT2E01   ND      LT2E01   NA
OLLECTED 12/26/70 0600  SIZE 3.50 L  SB
=1.1E00

SVILLE UTAH - MINERSVILLE DAIRY    96080   LT2E01   ND      LT2E01   NA
OLLECTED 12/27/70 0600  SIZE 3.50 L  SB
=1.0E00

SVILLE UTAH - MINERSVILLE DAIRY    96034   LT2E01   ND      LT2E01   NA
OLLECTED 12/28/70 0600  SIZE 3.50 L  SB
=1.1E00

EASANT UTAH - BROOKLAWN CREAMERY   95797   LT2E01  LT2E01   LT2E01   NA
OLLECTED 12/23/70 0600  SIZE 3.50 L  SB
=1.5E00          89SR=LT5E00
SR=0.6E01

EASANT UTAH - BROOKLAWN CREAMERY   95853   LT2E01  LT2E01   LT2E01   9.1E02
OLLECTED 12/24/70 0600  SIZE 3.50 L  SB
1.6E00           89SR=LT5E00
SR=0.4E01

ASANT UTAH - BROOKLAWN CREAMERY    95957   LT2E01   ND      LT2E01   NA
LLECTED 12/25/70 0600  SIZE 3.50 L  SB
1.1E0C

ASANT UTAH - BROOKLAWN CREAMERY    96134   LT2E01   ND      LT2E01   NA
LLECTED 12/28/70 0600  SIZE 3.50 L  SB
1.0E00

ASANT UTAH - BROOKLAWN CREAMERY    96148   LT2E01   ND      LT2E01   NA
LLECTED 12/29/70 0600  SIZE 3.50 L  SB
1.0E00

ASANT UTAH - BROOKLAWN CREAMERY    96157   LT2E01   ND      LT2E01   NA
LLECTED 12/31/70 1100  SIZE 3.50 L  SB
1.5E00

UNLESS OTHERWISE NOTED, RESULTS ARE
IN PICO-CURIES PER UNIT OF SIZE,
EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE UTAH MILK RESULTS

LOCATION                                      LAB-NO.& 131I     133I     137CS    3H
                                              USE CODE PCI/L    PCI/L    PCI/L    PC

MT PLEASANT UTAH - BROOKLAWN CREAMERY    96304    LT2E01   ND       LT2E01   NA
    COLLECTED 01/01/71 0600  SIZE 3.50 L  SB
    K=1.2E00

MT PLEASANT UTAH - BROOKLAWN CREAMERY    96305    LT2E01   ND       2.0E01   NA
    COLLECTED 01/02/71 0600  SIZE 3.50 L  SB
    K=1.2E00

MT PLEASANT UTAH - BROOKLAWN CREAMERY    96306    LT2E01   ND       LT2E01   NA
    COLLECTED 01/03/71 0600  SIZE 3.50 L  SB
    K=1.0E00

MT PLEASANT UTAH - BROOKLAWN CREAMERY    96307    LT2E01   ND       LT2E01   NA
    COLLECTED 01/04/71 0600  SIZE 3.50 L  SB
    K=1.3E00

NEWCASTLE UTAH - NEWCASTLE DAIRY         93974    LT2E01   LT2E01   LT2E01   5.2
    COLLECTED 12/19/70 1800  SIZE 3.50 L  1732
    K=1.2E00

NEWCASTLE UTAH - NEWCASTLE DAIRY         95315    LT2E01   LT2E01   LT2E01   NA
    COLLECTED 12/21/70 0600  SIZE 3.50 L  1732
    K=1.6E00

OGDEN UTAH - MAPLE LEAF DAIRY            95713    LT2E01   LT2E01   LT2E01   NA
    COLLECTED 12/21/70 0600  SIZE 3.50 L  SB
    K=1.1E00

OGDEN UTAH - MAPLE LEAF DAIRY            95700    LT2E01   LT2E01   LT2E01   NA
    COLLECTED 12/22/70 0600  SIZE 3.50 L  SB
    K=1.0E00           89SR=LT5E00
    90SR=0.6E01

OGDEN UTAH - MAPLE LEAF DAIRY            95850    LT2E01   LT2E01   LT2E01   NA
    COLLECTED 12/23/70 0600  SIZE 3.50 L  SB
    K=1.0E00

OGDEN UTAH - MAPLE LEAF DAIRY            95871    LT2E01   ND       LT2E01   NA
    COLLECTED 12/24/70 0600  SIZE 3.50 L  SB
    K=1.2E00

OGDEN UTAH - MAPLE LEAF DAIRY            96131    LT2E01   ND       3.0E01   NA
    COLLECTED 12/25/70 0600  SIZE 3.50 L  SB
    K=1.2E00

NOTE--UNLESS OTHERWISE NOTED. RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE.
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X. ND=NOT DETECTED. NA=NO ANALYSIS
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RY ACCUMULATIVE UTAH MILK RESULTS

N
                                        LAB-NO.& 131I     133I     137CS    3H
                                        USE CODE PCI/L    PCI/L    PCI/L    PCI/L

SANT UTAH - BROOKLAWN CREAMERY   96304    LT2E01   ND       LT2E01   NA
LECTED 01/01/71 0600  SIZE 3.50 L  SB
.2E00

SANT UTAH - BROOKLAWN CREAMERY   96305    LT2E01   ND       2.0E01   NA
LECTED 01/02/71 0600  SIZE 3.50 L  SB
.2E00

SANT UTAH - BROOKLAWN CREAMERY   96306    LT2E01   ND       LT2E01   NA
LECTED 01/03/71 0600  SIZE 3.50 L  SB
.0E00

SANT UTAH - BROOKLAWN CREAMERY   96307    LT2E01   ND       LT2E01   NA
LECTED 01/04/71 0600  SIZE 3.50 L  SB
.3E00

LE UTAH - NEWCASTLE DAIRY        93974    LT2E01   LT2E01   LT2E01   5.2E02
LECTED 12/19/70 1800  SIZE 3.50 L  1732
.2E00

LE UTAH - NEWCASTLE DAIRY        95315    LT2E01   LT2E01   LT2E01   NA
LECTED 12/21/70 0600  SIZE 3.50 L  1732
.6E00

AH - MAPLE LEAF DAIRY            95713    LT2E01   LT2E01   LT2E01   NA
ECTED 12/21/70 0600  SIZE 3.50 L  SB
1E00

AH - MAPLE LEAF DAIRY            95700    LT2E01   LT2E01   LT2E01   NA
ECTED 12/22/70 0600  SIZE 3.50 L  SB
0E00            89SR=LT5E00
=0.6E01

AH - MAPLE LEAF DAIRY            95850    LT2E01   LT2E01   LT2E01   NA
ECTED 12/23/70 0600  SIZE 3.50 L  SB
0E00

AH - MAPLE LEAF DAIRY            95871    LT2E01   ND       LT2E01   NA
ECTED 12/24/70 0600  SIZE 3.50 L  SB
2E00

AH - MAPLE LEAF DAIRY            96131    LT2E01   ND       3.0E01   NA
ECTED 12/25/70 0600  SIZE 3.50 L  SB
E00

ESS OTHERWISE NOTED, RESULTS ARE
PICO-CURIES PER UNIT OF SIZE,
EPT K IS IN GRAMS PER UNIT OF SIZE.
X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE UTAH MILK RESULTS

LOCATION                                    LAB-NO.& 131I    133I    137CS    3H
                                            USE CODE PCI/L   PCI/L   PCI/L    PCI/

OGDEN UTAH - MAPLE LEAF DAIRY                96108   LT2E01  ND      LT2E01   NA
    COLLECTED 12/27/70 0600  SIZE 3.50 L  SB
    K=1.0E00

RICHFIELD UTAH - IDEAL DAIRY                 95320   LT1E01  LT1E01  LT1E01   NA
    COLLECTED 12/20/70 0600  SIZE 3.50 L  SB
    K=1.4E00            89SR=LT5E00
    90SR=0.5E01

RICHFIELD UTAH - IDEAL DAIRY                 95862   LT2E01  LT2E01  LT2E01   NA
    COLLECTED 12/21/70 1800  SIZE 3.50 L  SB
    K=1.3E00

RICHFIELD UTAH - IDEAL DAIRY                 95798   LT2E01  LT2E01  LT2E01   NA
    COLLECTED 12/23/70 1800  SIZE 3.50 L  SB
    K=1.4E00

RICHFIELD UTAH - IDEAL DAIRY                 95989   LT2E01  ND      LT2E01   NA
    COLLECTED 12/25/70 1800  SIZE 3.50 L  SB
    K=1.4E00

RICHFIELD UTAH - IDEAL DAIRY                 96068   LT2E01  ND      LT2E01   NA
    COLLECTED 12/27/70 0600  SIZE 3.50 L  SB
    K=1.2E00

ST GEORGE UTAH - R COX DAIRY                 93972   LT2E01  LT2E01  LT2E01   NA
    COLLECTED 12/19/70 1800  SIZE 3.50 L  6492
    K=1.2E00

ST GEORGE UTAH - R COX DAIRY                 95312   LT2E01  LT2E01  LT2E01   NA
    COLLECTED 12/20/70 1800  SIZE 3.50 L  6492
    K=1.4E00

ST GEORGE UTAH - ST GEORGE ICE CO            95710   LT2E01  LT2E01  LT2E01   NA
    COLLECTED 12/20/70 1800  SIZE 3.50 L  SB
    K=1.4E00            89SR=LT5E00
    90SR=0.3E01

ST GEORGE UTAH - ST GEORGE ICE CO            96085   LT2E01  ND      LT2E01   NA
    COLLECTED 12/24/70 0600  SIZE 3.50 L  SB
    K=1.2E00

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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RRY ACCUMULATIVE UTAH MILK RESULTS

ON                                             LAB-NO.& 131I     133I     137CS    3H
                                               USE CODE PCI/L    PCI/L    PCI/L    PCI/L

UTAH - MAPLE LEAF DAIRY                         96108   LT2E01   ND       LT2E01   NA
LLECTED 12/27/70 0600  SIZE 3.50 L  SB
1.0E00

ELD UTAH - IDEAL DAIRY                          95320   LT1E01   LT1E01   LT1E01   NA
LLECTED 12/20/70 0606  SIZE 3.50 L  SB
1.4E00             89SR=LT5E00
SR=0.5E01

ELD UTAH - IDEAL DAIRY                          95862   LT2E01   LT2E01   LT2E01   NA
LLECTED 12/21/70 1800  SIZE 3.50 L  SB
1.3E00

ELD UTAH - IDEAL DAIRY                          95798   LT2E01   LT2E01   LT2E01   NA
LLECTED 12/23/70 1800  SIZE 3.50 L  SB
1.4E00

ELD UTAH - IDEAL DAIRY                          95989   LT2E01   ND       LT2E01   NA
LLECTED 12/25/70 1800  SIZE 3.50 L  SB
1.4E00

LD UTAH - IDEAL DAIRY                           96068   LT2E01   ND       LT2E01   NA
LECTED 12/27/70 0600  SIZE 3.50 L  SB
1.2E00

RGE UTAH - R COX DAIRY                          93972   LT2E01   LT2E01   LT2E01   NA
LLECTED 12/19/70 1800  SIZE 3.50 L  6492
.2E00

RGE UTAH - R COX DAIRY                          95312   LT2E01   LT2E01   LT2E01   NA
LLECTED 12/20/70 1800  SIZE 3.50 L  6492
.4E00

RGE UTAH - ST GEORGE ICE CO                     95710   LT2E01   LT2E01   LT2E01   NA
LLECTED 12/20/70 1800  SIZE 3.50 L  SB
.4E00             89SR=LT5E00
R=0.3E01

RGE UTAH - ST GEORGE ICE CO                     96085   LT2E01   ND       LT2E01   NA
LLECTED 12/24/70 0600  SIZE 3.50 L  SB
.2E00

NLESS OTHERWISE NOTED, RESULTS ARE
N PICO-CURIES PER UNIT OF SIZE.
XCEPT K IS IN GRAMS PER UNIT OF SIZE.
T(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE UTAH MILK RESULTS

LOCATION                                     LAB-NO.& 131I    133I    137CS    3H
                                             USE CODE PCI/L   PCI/L   PCI/L    PC

ST GEORGE UTAH - ST GEORGE ICE CO             96023   LT2E01  ND      LT2E01   NA
    COLLECTED 12/26/70 1800  SIZE 3.50 L  SB
    K=1.4E00            89SR=LT5E00
    90SR=0.2E01

ST GEORGE UTAH - ST GEORGE ICE CO             96012   LT2E01  ND      LT2E01   NA
    COLLECTED 12/27/70 0600  SIZE 3.50 L  SB
    K=1.3E00

ST GEORGE UTAH - ST GEORGE ICE CO             96156   LT2E01  ND      LT2E01   NA
    COLLECTED 12/30/70 0630  SIZE 3.50 L  SB
    K=1.2E00

ST GEORGE UTAH - ST GEORGE ICE CO             96525   LT2E01  ND      LT2E01   NA
    COLLECTED 01/05/71 1900  SIZE 3.50 L  SB
    K=1.4E00

ST GEORGE UTAH - ST GEORGE ICE CO             96526   LT2E01  ND      LT2E01   NA
    COLLECTED 01/06/71 1800  SIZE 3.50 L  SB
    K=1.2E00

ST GEORGE UTAH - ST GEORGE ICE CO             96530   LT2E01  ND      LT2E01   NA
    COLLECTED 01/07/71 1800  SIZE 3.50 L  SB
    K=1.3E00

ST GEORGE UTAH - ST GEORGE ICE CO             96529   LT2E01  ND      LT2E01   NA
    COLLECTED 01/09/71 1800  SIZE 3.50 L  SB
    K=1.4E00

ST GEORGE UTAH - ST GEORGE ICE CO             96528   LT2E01  ND      LT2E01   NA
    COLLECTED 01/10/71 1800  SIZE 3.50 L  SB
    K=1.3E00

SMITHFIELD UTAH - CACHE VALLEY DAIRY          95645   LT2E01  LT2E01  LT2E01   NA
    COLLECTED 12/19/70 1800  SIZE 3.50 L  SB
    K=1.4E00

SMITHFIELD UTAH - CACHE VALLEY DAIRY          95643   LT2E01  LT2E01  LT2E01   NA
    COLLECTED 12/20/70 1800  SIZE 3.50 L  SB
    K=1.0E00            89SR=LT5E00
    90SR=0.6E01

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE.
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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Y ACCUMULATIVE UTAH MILK RESULTS

                                   LAB-NO.& 131I     133I     137CS    3H
                                   USE CODE PCI/L    PCI/L    PCI/L    PCI/L

 UTAH - ST GEORGE ICE CO            96023   LT2E01   ND       LT2E01   NA
CTED 12/26/70 1800  SIZE 3.50 L  SB
E00           89SR=LT5E00
0.2E01

 UTAH - ST GEORGE ICE CO            96012   LT2E01   ND       LT2E01   NA
CTED 12/27/70 0600  SIZE 3.50 L  SB
E00

 UTAH - ST GEORGE ICE CO            96156   LT2E01   ND       LT2E01   NA
CTED 12/30/70 0630  SIZE 3.50 L  SB
E00

 UTAH - ST GEORGE ICE CO            96525   LT2E01   ND       LT2E01   NA
CTED 01/05/71 1900  SIZE 3.50 L  SB
E00

 UTAH - ST GEORGE ICE CO            96526   LT2E01   ND       LT2E01   NA
CTED 01/06/71 1800  SIZE 3.50 L  SB
E00

 UTAH - ST GEORGE ICE CO            96530   LT2E01   ND       LT2E01   NA
CTED 01/07/71 1800  SIZE 3.50 L  SB
E00

 UTAH - ST GEORGE ICE CO            96529   LT2E01   ND       LT2E01   NA
CTED 01/09/71 1800  SIZE 3.50 L  SB
E00

 UTAH - ST GEORGE ICE CO            96528   LT2E01   ND       LT2E01   NA
CTED 01/10/71 1800  SIZE 3.50 L  SB
E00

 UTAH - CACHE VALLEY DAIRY          95645   LT2E01   LT2E01   LT2E01   NA
TED 12/19/70 1800  SIZE 3.50 L  SB
00

 UTAH - CACHE VALLEY DAIRY          95643   LT2E01   LT2E01   LT2E01   NA
TED 12/20/70 1800  SIZE 3.50 L  SB
00            89SR=LT5E00
.6E01

SS OTHERWISE NOTED, RESULTS ARE
ICO-CURIES PER UNIT OF SIZE.
PT K IS IN GRAMS PER UNIT OF SIZE.
)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE UTAH MILK RESULTS

LOCATION
                                               LAB-NO.& 131I     133I     137C
                                               USE CODE PCI/L    PCI/L    PCI/L
SMITHFIELD UTAH - CACHE VALLEY DAIRY           95970    LT2E01   ND       LT2E0
    COLLECTED 12/21/70 1800  SIZE 3.50 L  SB
    K=1.2E00

SMITHFIELD UTAH - CACHE VALLEY DAIRY           96070    LT2E01   ND       LT2E0
    COLLECTED 12/22/70 1800  SIZE 3.50 L  SB
    K=1.2E00

SMITHFIELD UTAH - CACHE VALLEY DAIRY           96031    LT2E01   ND       LT2E0
    COLLECTED 12/23/70 1800  SIZE 3.50 L  SB
    K=1.3E00

SMITHFIELD UTAH - CACHE VALLEY DAIRY           96027    LT2E01   ND       LT2E0
    COLLECTED 12/24/70 1800  SIZE 3.50 L  SB
    K=1.0E00

SMITHFIELD UTAH - CACHE VALLEY DAIRY           95977    LT2E01   ND       LT2E01
    COLLECTED 12/25/70 1800  SIZE 3.50 L  SB
    K=1.0E00

SMITHFIELD UTAH - CACHE VALLEY DAIRY           95988    LT2E01   ND       LT2E01
    COLLECTED 12/26/70 1800  SIZE 3.50 L  SB
    K=1.4E00

SPANISH FORK UTAH - TOWN PRIDE DAIRY           95652    LT2E01   LT2E01   LT2E01
    COLLECTED 12/20/70 0600  SIZE 3.50 L  SB
    K=1.0E00             89SR=LT5E00
    90SR=0.5E01

SPANISH FORK UTAH - TOWN PRIDE DAIRY           95711    LT2E01   LT2E01   LT2E01
    COLLECTED 12/22/70 0600  SIZE 2.90 L  SB
    K=1.0E01

SPANISH FORK UTAH - TOWN PRIDE DAIRY           96117    LT2E01   ND       LT2E01
    COLLECTED 12/23/70 0600  SIZE 2.50 L  SB
    K=1.1E00

SPANISH FORK UTAH - TOWN PRIDE DAIRY           96113    LT2E01   ND       LT2E01
    COLLECTED 12/26/70 0600  SIZE 3.50 L  SB
    K=1.1E00

SPANISH FORK UTAH - TOWN PRIDE DAIRY           96121    LT2E01   ND       LT2E01
    COLLECTED 12/28/70 0600  SIZE .400 L  SB
    K=1.0E00

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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RRY ACCUMULATIVE UTAH MILK RESULTS

ON                                       LAB-NO.& 131I    133I     137CS    3H
                                         USE CODE PCI/L   PCI/L    PCI/L    PCI/L

IELD UTAH - CACHE VALLEY DAIRY    95970   LT2E01   ND       LT2E01   NA
LLECTED 12/21/70 1800  SIZE 3.50 L  SB
.2E00

IELD UTAH - CACHE VALLEY DAIRY    96070   LT2E01   ND       LT2E01   NA
LLECTED 12/22/70 1800  SIZE 3.50 L  SB
.2E00

IELD UTAH - CACHE VALLEY DAIRY    96031   LT2E01   ND       LT2E01   NA
LLECTED 12/23/70 1800  SIZE 3.50 L  SB
.3E00

IELD UTAH - CACHE VALLEY DAIRY    96027   LT2E01   ND       LT2E01   NA
LLECTED 12/24/70 1800  SIZE 3.50 L  SB
.0E00

IELD UTAH - CACHE VALLEY DAIRY    95977   LT2E01   ND       LT2E01   NA
LLECTED 12/25/70 1800  SIZE 3.50 L  SB
.0E00

IELD UTAH - CACHE VALLEY DAIRY    95988   LT2E01   ND       LT2E01   NA
LECTED 12/26/70 1800  SIZE 3.50 L  SB
.4E00

 FORK UTAH - TOWN PRIDE DAIRY     95652   LT2E01   LT2E01   LT2E01   NA
LECTED 12/20/70 0600  SIZE 3.50 L  SB
.0E00            89SR=LT5E00
R=0.5E01

 FORK UTAH - TOWN PRIDE DAIRY     95711   LT2E01   LT2E01   LT2E01   NA
LECTED 12/22/70 0600  SIZE 2.90 L  SB
.0E01

 FORK UTAH - TOWN PRIDE DAIRY     96117   LT2E01   ND       LT2E01   NA
LECTED 12/23/70 0600  SIZE 2.50 L  SB
.1E00

 FORK UTAH - TOWN PRIDE DAIRY     96113   LT2E01   ND       LT2E01   NA
LECTED 12/26/70 0600  SIZE 3.50 L  SB
.1E00

 FORK UTAH - TOWN PRIDE DAIRY     96121   LT2E01   ND       LT2E01   NA
LECTED 12/28/70 0600  SIZE .400 L  SB
.0E00

NLESS OTHERWISE NOTED. RESULTS ARE
N PICO-CURIES PER UNIT OF SIZE.
XCEPT K IS IN GRAMS PER UNIT OF SIZE.
T(X)=LESS THAN X. ND=NOT DETECTED. NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE UTAH MILK RESULTS

LOCATION                                      LAB-NO.& 131I     133I     137CS    3H
                                              USE CODE PCI/L    PCI/L    PCI/L    PCI

SPANISH FORK UTAH - TOWN PRIDE DAIRY           96159   LT2E01   ND       LT2E01   NA
    COLLECTED 12/30/70 0660  SIZE 2.90 L   SB
    K=1.5E00

SPANISH FORK UTAH - TOWN PRIDE DAIRY           96285   LT2E01   ND       LT2E01   NA
    COLLECTED 12/31/70 0600  SIZE 3.00 L   SB
    K=1.4E00

NOTE--UNLESS OTHERWISE NOTED. RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE.
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X. ND=NOT DETECTED. NA=NO ANALYSIS
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CCUMULATIVE UTAH MILK RESULTS

                              LAB-NO.& 131I     133I     137CS    3H
                              USE CODE PCI/L    PCI/L    PCI/L    PCI/L

K UTAH - TOWN PRIDE DAIRY     96159    LT2E01   ND       LT2E01   NA
ED 12/30/70 0600  SIZE 2.90 L  SB
0

K UTAH - TOWN PRIDE DAIRY     96285    LT2E01   ND       LT2E01   NA
ED 12/31/70 0600  SIZE 3.00 L  SB
0

S OTHERWISE NOTED, RESULTS ARE
CO-CURIES PER UNIT OF SIZE,
T K IS IN GRAMS PER UNIT OF SIZE.
=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE WYOMING MILK RESULTS

LOCATION                                    LAB-NO.& 131I     133I     137CS    3H
                                            USE CODE PCI/L    PCI/L    PCI/L    PCI

CASPER WYO - MEADOW GOLD DAIRIES             95812   LT2E01   LT2E01   LT2E01   NA
    COLLECTED 12/23/70 1800  SIZE 3.50 L  SB
    K=1.3E00             89SR=LT5E00
    90SR=0.5E01

CASPER WYO - MEADOW GOLD DAIRIES             96120   LT2E01   ND       LT2E01   NA
    COLLECTED 12/27/70 0600  SIZE 3.50 L  SB
    K=1.0E00

CASPER WYO - MEADOW GOLD DAIRIES             96359   LT2E01   ND       LT2E01   NA
    COLLECTED 01/05/71 0600  SIZE 3.50 L  SB
    K=1.2E00

CHEYENNE WYO - DAIRY GOLD FOODS              95696   LT2E01   LT2E01   LT2E01   NA
    COLLECTED 12/20/70 1800  SIZE 3.50 L  SB
    K=1.4E00

CHEYENNE WYO - DAIRY GOLD FOODS              95658   LT2E01   LT2E01   LT2E01   NA
    COLLECTED 12/21/70 0600  SIZE 3.50 L  SB
    K=1.0E00             89SR=LT5E00
    90SR=0.4E01

CHEYENNE WYO - DAIRY GOLD FOODS              95851   LT2E01   LT2E01   LT2E01   NA
    COLLECTED 12/21/70 1800  SIZE 3.50 L  SB
    K=1.2E00

CHEYENNE WYO - DAIRY GOLD FOODS              95846   LT2E01   LT2E01   LT2E01   NA
    COLLECTED 12/22/70 1800  SIZE 3.50 L  SB
    K=1.4E00

CHEYENNE WYO - DAIRY GOLD FOODS              95849   LT2E01   LT2E01   LT2E01   NA
    COLLECTED 12/23/70 1800  SIZE 3.50 L  SB
    K=1.3E00

CHEYENNE WYO - DAIRY GOLD FOODS              96140   LT2E01   ND       LT2E01   NA
    COLLECTED 12/24/70 1800  SIZE 3.50 L  SB
    K=1.1E00

CHEYENNE WYO - DAIRY GOLD FOODS              96115   LT2E01   ND       LT2E01   NA
    COLLECTED 12/28/70 0830  SIZE 3.50 L  SB
    K=1.5E00

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      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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ERRY ACCUMULATIVE WYOMING MILK RESULTS

ION                                      LAB-NO.& 131I     133I     137CS    3H
                                         USE CODE PCI/L    PCI/L    PCI/L    PCI/L

 WYO - MEADOW GOLD DAIRIES               95812    LT2E01   LT2E01   LT2E01   NA
LLECTED 12/23/70 1800  SIZE 3.50 L  SB
1.3E00           89SR=LT5E00
SR=0.5E01

 WYO - MEADOW GOLD DAIRIES               96120    LT2E01   ND       LT2E01   NA
LLECTED 12/27/70 0600  SIZE 3.50 L  SB
1.0E00

 WYO - MEADOW GOLD DAIRIES               96359    LT2E01   ND       LT2E01   NA
LLECTED 01/05/71 0600  SIZE 3.50 L  SB
1.2E00

NF WYO - DAIRY GOLD FOODS                95696    LT2E01   LT2E01   LT2E01   NA
LLECTED 12/20/70 1800  SIZE 3.50 L  SB
1.4E00

NF WYO - DAIRY GOLD FOODS                95658    LT2E01   LT2E01   LT2E01   NA
LLECTED 12/21/70 0600  SIZE 3.50 L  SB
1.0E00           89SR=LT5E00
SR=0.4E01

NF WYO - DAIRY GOLD FOODS                95851    LT2E01   LT2E01   LT2E01   NA
LLECTED 12/21/70 1800  SIZE 3.50 L  SB
1.2E00

NF WYO - DAIRY GOLD FOODS                95846    LT2E01   LT2E01   LT2E01   NA
LLECTED 12/22/70 1800  SIZE 3.50 L  SB
1.4E00

NF WYO - DAIRY GOLD FOODS                95849    LT2E01   LT2E01   LT2E01   NA
LLECTED 12/23/70 1800  SIZE 3.50 L  SB
1.3E00

NF WYO - DAIRY GOLD FOODS                96140    LT2E01   ND       LT2E01   NA
LLECTED 12/24/70 1800  SIZE 3.50 L  SB
1.1E00

NF WYO - DAIRY GOLD FOODS                96115    LT2E01   ND       LT2E01   NA
LLECTED 12/26/70 0830  SIZE 3.50 L  SB
1.5E00

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LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE WYOMING MILK RESULTS

LOCATION                                   LAB-NO.& 131I     133I     137CS    3H
                                           USE CODE PCI/L    PCI/L    PCI/L    PCI/L

LARAMIE WYOMING                            96106    1.0E01   ND       1.0E01   NA
    COLLECTED 12/30/70          SIZE 3.50 L
    140BA=LT1E01           K=1.3E01
    89SR=2.0E00            90SR=4.1E01

POWELL WYO - CREAM OF THE VALLEY DAIRY     95704    LT2E01   LT2E01   LT2E01   NA
    COLLECTED 12/20/70 1800   SIZE 3.50 L   SR
    K=1.4E00               89SR=LT5E00
    90SR=8.6E01

POWELL WYO - CREAM OF THE VALLEY DAIRY     95640    LT2E01   LT2E01   LT2E01   NA
    COLLECTED 12/21/70 0600   SIZE 3.50 L   SR
    K=1.2E00

POWELL WYO - CREAM OF THE VALLEY DAIRY     95656    LT2E01   LT2E01   LT2E01   NA
    COLLECTED 12/22/70 0600   SIZE 3.50 L   SR
    K=1.2E00

POWELL WYO - CREAM OF THE VALLEY DAIRY     95793    LT2E01   LT2E01   LT2E01   NA
    COLLECTED 12/23/70 0600   SIZE 3.50 L   SR
    K=1.5E00

POWELL WYO - CREAM OF THE VALLEY DAIRY     95859    4.0E01   LT2E01   LT2E01   8.9E
    COLLECTED 12/24/70 0600   SIZE 3.50 L   SR
    K=1.2E00               89SR=LT5E00
    90SR=0.4E01

POWELL WYO - CREAM OF THE VALLEY DAIRY     96093    LT2E01   ND       LT2E01   NA
    COLLECTED 12/26/70 0600   SIZE 3.50 L   SR
    K=1.5E00

POWELL WYO - CREAM OF THE VALLEY DAIRY     96114    LT2E01   ND       LT2E01   NA
    COLLECTED 12/27/70 0600   SIZE 3.50 L   SR
    K=1.4E00

POWELL WYO - CREAM OF THE VALLEY DAIRY     96147    LT2E01   ND       LT2E01   NA
    COLLECTED 12/27/70 0600   SIZE 3.50 L   SR
    K=1.5E00

POWELL WYO - CREAM OF THE VALLEY DAIRY     96109    LT2E01   ND       3.0E01   NA
    COLLECTED 12/27/70 1800   SIZE 3.50 L   SR
    K=1.2E00

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      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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RY ACCUMULATIVE WYOMING MILK RESULTS

N
                                       LAB-NO.& 131I     133I     137CS    3H
                                       USE CODE PCI/L    PCI/L    PCI/L    PCI/L
 WYOMING
                                        96106   1.0E01   ND       1.0E01   NA
LECTED 12/30/70         SIZE 3.50 L
DA=LT1E01          K=1.3E01
R=2.0E00           90SR=4.1E01

WYO - CREAM OF THE VALLEY DAIRY  95704   LT2E01   LT2E01   LT2E01   NA
LECTED 12/20/70 1800  SIZE 3.50 L  SB
.4E00              89SR=LT5E00
=0.6E01

WYO - CREAM OF THE VALLEY DAIRY  95640   LT2E01   LT2E01   LT2E01   NA
LECTED 12/21/70 0600  SIZE 3.50 L  SB
2E00

YO - CREAM OF THE VALLEY DAIRY  95656   LT2E01   LT2E01   LT2E01   NA
ECTED 12/22/70 0600  SIZE 3.50 L  SB
2E00

YO - CREAM OF THE VALLEY DAIRY  95793   LT2E01   LT2E01   LT2E01   NA
ECTED 12/23/70 0600  SIZE 3.50 L  SB
5E00

YO - CREAM OF THE VALLEY DAIRY  95859   4.0E01   LT2E01   LT2E01   8.9E02
ECTED 12/24/70 0600  SIZE 3.50 L  SB
2E00              89SR=LT5E00
0.4E01

O - CREAM OF THE VALLEY DAIRY  96093   LT2E01   ND       LT2E01   NA
CTED 12/26/70 0600  SIZE 3.50 L  SB
E00

O - CREAM OF THE VALLEY DAIRY  96114   LT2E01   ND       LT2E01   NA
CTED 12/27/70 0600  SIZE 3.50 L  SB
E00

O - CREAM OF THE VALLEY DAIRY  96147   LT2E01   ND       LT2E01   NA
CTED 12/27/70 0600  SIZE 3.50 L  SB
E00

O - CREAM OF THE VALLEY DAIRY  96109   LT2E01   ND       3.0E01   NA
CTED 12/27/70 1800  SIZE 3.50 L  SB
E00

ESS OTHERWISE NOTED, RESULTS ARE
PICO-CURIES PER UNIT OF SIZE,
EPT K IS IN GRAMS PER UNIT OF SIZE.
)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE WYOMING MILK RESULTS

LOCATION
                                           LAB-NO.& 131I    133I    137CS
                                           USE CODE PCI/L   PCI/L   PCI/L
POWELL WYO - CREAM OF THE VALLEY DAIRY  96158    LT2E01   ND      LT2E01
    COLLECTED 12/30/70 0830  SIZE 3.50 L  SB
    K=1.4E00

POWELL WYO - CREAM OF THE VALLEY DAIRY  96243    LT2E01   ND      LT2E01
    COLLECTED 12/31/70 0600  SIZE 3.50 L  SB
    K=1.3E00

POWELL WYO - CREAM OF THE VALLEY DAIRY  96244    LT2E01   ND      LT2E01
    COLLECTED 01/01/71 1800  SIZE 3.50 L  SB
    K=1.2E00

POWELL WYO - CREAM OF THE VALLEY DAIRY  96245    LT2E01   ND      LT2E01
    COLLECTED 01/01/71 1800  SIZE 3.50 L  SB
    K=1.3E00

POWELL WYO - CREAM OF THE VALLEY DAIRY  96354    LT2E01   ND      LT2E01
    COLLECTED 01/03/71 0600  SIZE 3.50 L  SB
    K=1.4E00

POWELL WYO - CREAM OF THE VALLEY DAIRY  96355    LT2E01   ND      LT2E01
    COLLECTED 01/04/71 0600  SIZE 3.50 L  SB
    K=1.5E00

POWELL WYO - CREAM OF THE VALLEY DAIRY  96356    LT2E01   ND      LT2E01
    COLLECTED 01/05/71 0600  SIZE 3.50 L  SB
    K=1.2E00

POWELL WYO - CREAM OF THE VALLEY DAIRY  96480    LT2E01   ND      LT2E01
    COLLECTED 01/06/71 0600  SIZE 3.50 L  SB
    K=1.3E00

POWELL WYO - CREAM OF THE VALLEY DAIRY  96481    LT2E01   ND      LT2E01
    COLLECTED 01/07/71 0600  SIZE 3.50 L  SB
    K=1.0E00

RIVERTON WYO - MORNING STAR DAIRY       95699    LT2E01   LT2E01  LT2E01
    COLLECTED 12/21/70 0600  SIZE 3.50 L  SB
    K=1.4E00

RIVERTON WYO - MORNING STAR DAIRY       95708    LT2E01   LT2E01  LT2E01
    COLLECTED 12/22/70 1800  SIZE 2.60 L  SB
    K=1.5E00

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      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BERRY ACCUMULATIVE WYOMING MILK RESULTS

TION
                                       LAB-NO.& 131I     133I     137CS    3H
                                       USE CODE PCI/L    PCI/L    PCI/L    PCI/L

L WYO - CREAM OF THE VALLEY DAIRY  96158    LT2E01  ND        LT2E01   NA
COLLECTED 12/30/70 0830  SIZE 3.50 L  SB
K=1.4E00

L WYO - CREAM OF THE VALLEY DAIRY  96243    LT2E01  ND        LT2E01   NA
COLLECTED 12/31/70 0600  SIZE 3.50 L  SB
K=1.3E00

L WYO - CREAM OF THE VALLEY DAIRY  96244    LT2E01  ND        LT2E01   NA
COLLECTED 01/01/71 1800  SIZE 3.50 L  SB
K=1.2E00

L WYO - CREAM OF THE VALLEY DAIRY  96245    LT2E01  ND        LT2E01   NA
COLLECTED 01/01/71 1800  SIZE 3.50 L  SB
K=1.3E00

L WYO - CREAM OF THE VALLEY DAIRY  96354    LT2E01  ND        LT2E01   NA
OLLECTED 01/03/71 0600  SIZE 3.50 L  SB
=1.4E00

L WYO - CREAM OF THE VALLEY DAIRY  96355    LT2E01  ND        LT2E01   NA
OLLECTED 01/04/71 0600  SIZE 3.50 L  SB
=1.5E00

L WYO - CREAM OF THE VALLEY DAIRY  96356    LT2E01  ND        LT2E01   NA
OLLECTED 01/05/71 0600  SIZE 3.50 L  SB
=1.2E00

 WYO - CREAM OF THE VALLEY DAIRY  96480    LT2E01  ND        LT2E01   NA
OLLECTED 01/06/71 0600  SIZE 3.50 L  SB
=1.3E00

 WYO - CREAM OF THE VALLEY DAIRY  96481    LT2E01  ND        LT2E01   NA
OLLECTED 01/07/71 0600  SIZE 3.50 L  SB
=1.0E00

ON WYO - MORNING STAR DAIRY        95699    LT2E01  LT2E01   LT2E01   NA
LLECTED 12/21/70 0600  SIZE 3.50 L  SB
1.4E00

ON WYO - MORNING STAR DAIRY        95708    LT2E01  LT2E01   LT2E01   NA
LLECTED 12/22/70 1800  SIZE 2.60 L  SB
1.5E00

UNLESS OTHERWISE NOTED, RESULTS ARE
IN PICO-CURIES PER UNIT OF SIZE,
EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS

                    PAGE   51
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2

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BANEBERRY ACCUMULATIVE WYOMING MILK RESULTS

LOCATION                                LAB-NO.& 131I     133I     137CS    3H
                                        USE CODE PCI/L    PCI/L    PCI/L    PCI

RIVERTON WYO - MORNING STAR DAIRY        96082   LT2E01   ND       LT2E01   LT4
    COLLECTED 12/23/70 1800  SIZE 3.50 L  SB
    K=1.3E00           89SR=LT5E00
    90SR=0.6E01

RIVERTON WYO - MORNING STAR DAIRY        96079   LT2E01   ND       LT2E01   NA
    COLLECTED 12/24/70 1800  SIZE 3.50 L  SB
    K=1.5E00

RIVERTON WYO - MORNING STAR DAIRY        96020   LT2E01   ND       LT2E01   NA
    COLLECTED 12/27/70 0600  SIZE 3.50 L  SB
    K=1.2E00

RIVERTON WYO - MORNING STAR DAIRY        96065   LT2E01   ND       LT2E01   NA
    COLLECTED 12/28/70 0600  SIZE 3.50 L  SB
    K=1.3E00

SHERIDAN WYO - JERSEY CREAMERY           95531   LT2E01   LT2E01   LT2E01   NA
    COLLECTED 12/21/70 0600  SIZE 3.50 L  SB
    K=1.0E00           89SR=LT5E00
    90SR=0.5E01

SHERIDAN WYO - JERSEY CREAMERY           95721   LT2E01   LT2E01   LT2E01   NA
    COLLECTED 12/22/70 0600  SIZE 3.50 L  SB
    K=1.2E00

SHERIDAN WYO - JERSEY CREAMERY           95800   LT2E01   LT2E01   LT2E01   NA
    COLLECTED 12/23/70 0600  SIZE 3.50 L  SB
    K=1.5E00

SHERIDAN WYO - JERSEY CREAMERY           95803   LT2E01   LT2E01   LT2E01   NA
    COLLECTED 12/24/70 0600  SIZE 3.50 L  SB
    K=1.7E00

SHERIDAN WYO - JERSEY CREAMERY           96141   LT2E01   ND       3.0E01   NA
    COLLECTED 12/28/70 0600  SIZE 3.50 L  SB
    K=1.5E00

SHERIDAN WYO - JERSEY CREAMERY           96116   LT2E01   ND       LT2E01   NA
    COLLECTED 12/29/70 0600  SIZE 3.50 L  SB
    K=1.2E00

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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 ACCUMULATIVE WYOMING MILK RESULTS

                                   LAB-NO.& 131I     133I     137CS    3H
                                   USE CODE PCI/L    PCI/L    PCI/L    PCI/L
WYO - MORNING STAR DAIRY             96082    LT2E01   ND       LT2E01   LT4E02
CTED 12/23/70 1800  SIZE 3.50 L   SB
E00           89SR=LT5E00
0.6E01

WYO - MORNING STAR DAIRY             96079    LT2E01   ND       LT2E01   NA
CTED 12/24/70 1800  SIZE 3.50 L   SB
E00

WYO - MORNING STAR DAIRY             96020    LT2E01   ND       LT2E01   NA
CTED 12/27/70 0600  SIZE 3.50 L   SB
E00

WYO - MORNING STAR DAIRY             96065    LT2E01   ND       LT2E01   NA
CTED 12/28/70 0600  SIZE 3.50 L   SB
E00

YO - JERSEY CREAMERY                 95531    LT2E01   LT2E01   LT2E01   NA
TED 12/21/70 0600  SIZE 3.50 L   SB
00            89SR=LT5E00
.5E01

YO - JERSEY CREAMERY                 95721    LT2E01   LT2E01   LT2E01   NA
TED 12/22/70 0600  SIZE 3.50 L   SB
00

YO - JERSEY CREAMERY                 95800    LT2E01   LT2E01   LT2E01   NA
TED 12/23/70 0600  SIZE 3.50 L   SB
00

YO - JERSEY CREAMERY                 95803    LT2E01   LT2E01   LT2E01   NA
TED 12/24/70 0600  SIZE 3.50 L   SB
0

O - JERSEY CREAMERY                  96141    LT2E01   ND       3.0E01   NA
ED 12/28/70 0600  SIZE 3.50 L   SB
0

O - JERSEY CREAMERY                  96116    LT2E01   ND       LT2E01   NA
ED 12/29/70 0600  SIZE 3.50 L   SB
0

S OTHERWISE NOTED, RESULTS ARE
CO-CURIES PER UNIT OF SIZE.
T K IS IN GRAMS PER UNIT OF SIZE.
=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE CALIFORNIA WATER RESULTS

LOCATION                                   LAB-NO.& 132TE    131I     133I     13
                                           USE CODE PCI/L    PCI/L    PCI/L    PC

CHICO CALIF - QUALITY DAIRY                 95685   ND       ND       ND       ND
    COLLECTED 12/22/70 1430  SIZE 3.50 L  SB
    GAMMA               SPECTRUM
    NEGLIGIBLE          BETA=0.3E01
    ALPHA=LT2E00

HINKLEY CALIF - BILL NELSON DAIRY           95675   ND       ND       ND       ND
    COLLECTED 12/23/70 1600  SIZE 3.50 L  6932
    GAMMA               SPECTRUM
    NEGLIGIBLE          BETA=1.0E01
    ALPHA=1.1E01

HINKLEY CALIF - BILL NELSON DAIRY           95750   ND       ND       ND       ND
    COLLECTED 12/24/70 1435  SIZE 3.50 L  6932
    GAMMA               SPECTRUM
    NEGLIGIBLE          BETA=0.4E01
    ALPHA=1.1E01

INDEPENDENCE CALIF SMITH RANCH              95674   ND       ND       ND       ND
    COLLECTED 12/23/70 1930  SIZE 3.50 L  6992
    GAMMA               SPECTRUM
    NEGLIGIBLE          BETA=LT2E00
    ALPHA=LT2E00

INDEPENDENCE CALIF SMITH RANCH              95671   ND       ND       ND       ND
    COLLECTED 12/24/70 0830  SIZE 3.50 L  6992
    GAMMA               SPECTRUM
    NEGLIGIBLE          BETA=0.2E01
    ALPHA=LT2E00

LONE PINE CALIF - DIAZ LAKE                 95677   ND       ND       ND       ND
    COLLECTED 12/24/70 0730  SIZE 3.50 L  9192
    GAMMA               SPECTRUM
    NEGLIGIBLE          BETA=1.1E01
    ALPHA=0.8E01

OLANCHA CALIF HUNTER RANCH                  95747   ND       ND       ND       ND
    COLLECTED 12/24/70 1130  SIZE 3.50 L  6932
    GAMMA               SPECTRUM
    NEGLIGIBLE          BETA=0.7E01
    ALPHA=0.6E01

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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RRY ACCUMULATIVE CALIFORNIA WATER RESULTS

ON
                                      LAB-NO.& 132TE   131I     133I     135I
                                      USE CODE PCI/L   PCI/L    PCI/L    PCI/L

CALIF - QUALITY DAIRY                   95685  ND       ND       ND       ND
LLECTED 12/22/70 1430  SIZE 3.50 L  SB
MMA             SPECTRUM
GLIGIBLE        BETA=0.3E01
PHA=LT2E00

Y CALIF - BILL NELSON DAIRY             95675  ND       ND       ND       ND
LLECTED 12/23/70 1600  SIZE 3.50 L  6932
MMA             SPECTRUM
GLIGIBLE        BETA=1.0E01
PHA=1.1E01

Y CALIF - BILL NELSON DAIRY             95750  ND       ND       ND       ND
LLECTED 12/24/70 1435  SIZE 3.50 L  6932
MMA             SPECTRUM
LIGIBLE         BETA=0.4E01
PHA=1.1E01

IDENCE CALIF SMITH RANCH                95674  ND       ND       ND       ND
LECTED 12/23/70 1930  SIZE 3.50 L  6992
MA              SPECTRUM
LIGIBLE         BETA=LT2E00
HA=LT2E00

IDENCE CALIF SMITH RANCH                95671  ND       ND       ND       ND
LECTED 12/24/70 0830  SIZE 3.50 L  6992
MA              SPECTRUM
LIGIBLE         BETA=0.2E01
HA=LT2E00

NE CALIF - DIAZ LAKE                    95677  ND       ND       ND       ND
LECTED 12/24/70 0730  SIZE 3.50 L  9192
MA              SPECTRUM
LIGIBLE         BETA=1.1E01
HA=0.8E01

 CALIF HUNTER RANCH                     95747  ND       ND       ND       ND
LECTED 12/24/70 1130  SIZE 3.50 L  6932
A               SPECTRUM
LIGIBLE         BETA=0.7E01
A=0.6E01

LESS OTHERWISE NOTED, RESULTS ARE
 PICO-CURIES PER UNIT OF SIZE,
CEPT K IS IN GRAMS PER UNIT OF SIZE.
(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE CALIFORNIA WATER RESULTS

LOCATION                                 LAB-NO.& 132TE   131I    133I    135I
                                         USE CODE PCI/L   PCI/L   PCI/L   PCI/

SALINAS CALIF - BLUE RIBBON DAIRY          95642  ND      ND      ND      ND
    COLLECTED 12/23/70 0900  SIZE 3.50 L  SB
    GAMMA                   SPECTRUM
    NEGLIGIBLE              BETA=0.6E01
    ALPHA=0.5E01

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE.
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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CCUMULATIVE CALIFORNIA WATER RESULTS

                              LAB-NO.& 132TE    131I    133I    135I
                              USE CODE PCI/L    PCI/L   PCI/L   PCI/L

IF - BLUE RIBBON DAIRY         95642   ND       ND      ND      ND
ED 12/23/70 0900  SIZE 3.50 L  SB
             SPECTRUM
BLE          BETA=0.6E01
.5E01

S OTHERWISE NOTED, RESULTS ARE
CO-CURIES PER UNIT OF SIZE,
T K IS IN GRAMS PER UNIT OF SIZE.
=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA WATER RESULTS

LOCATION
                                           LAB-NO.& 132TE   131I    133I
                                           USE CODE PCI/L   PCI/L   PCI/L

ALAMO NEV KAY WRIGHT DAIRY                   93836   ND      ND      ND
    COLLECTED 12/19/70 1045  SIZE 3.50 L  8432
    GAMMA                   SPECTRUM
    NEGLIGIBLE              BETA=1.8E01
    ALPHA=0.6E01

ALAMO NEV KAY WRIGHT DAIRY                   95045   ND      ND      ND
    COLLECTED 12/20/70 0925  SIZE 3.50 L  8432
    GAMMA                   SPECTRUM
    NEGLIGIBLE              BETA=1.5E01
    ALPHA=LT2E00

ALAMO NEV KAY WRIGHT DAIRY                   95238   ND      ND      ND
    COLLECTED 12/21/70 0830  SIZE 3.50 L  8432
    GAMMA                   SPECTRUM
    NEGLIGIBLE              BETA=1.4E01
    ALPHA=0.4E01

ALAMO NEV KAY WRIGHT DAIRY                   95431   ND      ND      ND
    COLLECTED 12/22/70 0820  SIZE 3.50 L  8432
    GAMMA                   SPECTRUM
    NEGLIGIBLE              BETA=1.7E01
    ALPHA=0.7E01

AUSTIN NEV - YOUNG'S RANCH                   95179   ND      ND      ND
    COLLECTED 12/20/70 1600  SIZE 3.50 L  9992
    GAMMA                   SPECTRUM
    NEGLIGIBLE              BETA=0.5E01
    ALPHA=LT2E00

AUSTIN NEV - YOUNG'S RANCH                   95444   ND      ND      ND
    COLLECTED 12/21/70 1230  SIZE 3.50 L  9992
    GAMMA                   SPECTRUM
    NEGLIGIBLE              BETA=0.6E01
    ALPHA=LT2E00

AUSTIN NEV - YOUNG'S RANCH                   95437   ND      ND      ND
    COLLECTED 12/22/70 0830  SIZE 3.50 L  9992
    GAMMA                   SPECTRUM
    NEGLIGIBLE              BETA=LT2E00
    ALPHA=0.3E01

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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ERRY ACCUMULATIVE NEVADA WATER RESULTS

ION                                         LAB-NO.& 132TE    131I     133I     135I
                                            USE CODE PCI/L    PCI/L    PCI/L    PCI/L

 NEV KAY WRIGHT DAIRY                          93836  ND        ND       ND       ND
OLLECTED 12/19/70 1045  SIZE 3.50 L  8432
AMMA                  SPECTRUM
EGLIGIBLE             BETA=1.8E01
LPHA=0.6E01

 NEV KAY WRIGHT DAIRY                          95045  ND        ND       ND       ND
OLLECTED 12/20/70 0925  SIZE 3.50 L  8432
AMMA                  SPECTRUM
EGLIGIBLE             BETA=1.5E01
LPHA=LT2E00

 NEV KAY WRIGHT DAIRY                          95238  ND        ND       ND       ND
OLLECTED 12/21/70 0830  SIZE 3.50 L  8432
AMMA                  SPECTRUM
EGLIGIBLE             BETA=1.4E01
LPHA=0.4E01

 NEV KAY WRIGHT DAIRY                          95431  ND        ND       ND       ND
OLLECTED 12/22/70 0820  SIZE 3.50 L  8432
AMMA                  SPECTRUM
EGLIGIBLE             BETA=1.7E01
LPHA=0.7E01

N NEV - YOUNG'S RANCH                          95179  ND        ND       ND       ND
OLLECTED 12/20/70 1600  SIZE 3.50 L  9992
AMMA                  SPECTRUM
EGLIGIBLE             BETA=0.5E01
LPHA=LT2E00

 NEV - YOUNG'S RANCH                           95444  ND        ND       ND       ND
LLECTED 12/21/70 1230  SIZE 3.50 L  9992
MMA                   SPECTRUM
GLIGIBLE              BETA=0.6E01
PHA=LT2E00

 NEV - YOUNG'S RANCH                           95437  ND        ND       ND       ND
LLECTED 12/22/70 0830  SIZE 3.50 L  9992
MMA                   SPECTRUM
GLIGIBLE              BETA=LT2E00
PHA=0.3E01

UNLESS OTHERWISE NOTED, RESULTS ARE
IN PICO-CURIES PER UNIT OF SIZE,
EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA WATER RESULTS

LOCATION                                 LAB-NO.& 132TE    131I     133I     135I
                                         USE CODE PCI/L    PCI/L    PCI/L    PCI/

AUSTIN NEV - YOUNG'S RANCH                95617   ND       ND       ND       ND
    COLLECTED 12/23/70 1130  SIZE 3.50 L  9992
    GAMMA               SPECTRUM
    NEGLIGIBLE          BETA=0.4E01
    ALPHA=LT2E00

AUSTIN NEV - TRIPLE T RANCH               93990   2.0E01   ND       4.0E01   ND
    COLLECTED 12/19/70 1530  SIZE 3.50 L  2222
    3H=6.8E02           BETA=0.4E01
    ALPHA=0.2E01        89SR=LT5E00
    90SR=LT2E00

AUSTIN NEV - TRIPLE T RANCH               95186   ND       ND       ND       ND
    COLLECTED 12/20/70 1120  SIZE 3.50 L  9292
    GAMMA               SPECTRUM
    NEGLIGIBLE          BETA=0.4E01
    ALPHA=LT2E00

AUSTIN NEV - TRIPLE T RANCH               95438   ND       ND       ND       ND
    COLLECTED 12/21/70 1200  SIZE 3.50 L  9292
    GAMMA               SPECTRUM
    NEGLIGIBLE          BETA=0.1E02
    ALPHA=0.5E01

AUSTIN NEV - TRIPLE T RANCH               95443   ND       ND       ND       ND
    COLLECTED 12/22/70 0920  SIZE 3.50 L  9292
    GAMMA               SPECTRUM
    NEGLIGIBLE          BETA=0.5E01
    ALPHA=0.4E01

AUSTIN NEV - TRIPLE T RANCH               95614   ND       ND       ND       ND
    COLLECTED 12/23/70 1200  SIZE 3.50 L  9292
    GAMMA               SPECTRUM
    NEGLIGIBLE          BETA=LT2E00
    ALPHA=0.5E01

CURRANT NEV - BLUE EAGLE RANCH            93890   ND       ND       ND       ND
    COLLECTED 12/19/70       SIZE 3.50 L  6432
    GAMMA               SPECTRUM
    NEGLIGIBLE          BETA=0.5E01
    ALPHA=0.3E01

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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RY ACCUMULATIVE NEVADA WATER RESULTS

N                                  LAB-NO.& 132TE    131I     133I     135I
                                   USE CODE PCI/L    PCI/L    PCI/L    PCI/L

NEV - YOUNG'S RANCH                  95617  ND       ND       ND       ND
LECTED 12/23/70 1130  SIZE 3.50 L  9992
MA               SPECTRUM
LIGIBLE          BETA=0.4E01
HA=LT2E00

NEV - TRIPLE T RANCH                 93990  2.0E01   ND       4.0E01   ND
LECTED 12/19/70 1530  SIZE 3.50 L  2222
6.8E02           BETA=0.4E01
HA=0.2E01        89SR=LT5E00
R=LT2E00

NEV - TRIPLE T RANCH                 95186  ND       ND       ND       ND
LECTED 12/20/70 1120  SIZE 3.50 L  9292
MA               SPECTRUM
LIGIBLE          BETA=0.4E01
HA=LT2E00

NEV - TRIPLE T RANCH                 95438  ND       ND       ND       ND
LECTED 12/21/70 1200  SIZE 3.50 L  9292
MA               SPECTRUM
LIGIBLE          BETA=0.1E02
HA=0.5E01

NEV - TRIPLE T RANCH                 95443  ND       ND       ND       ND
LECTED 12/22/70 0920  SIZE 3.50 L  9292
MA               SPECTRUM
LIGIBLE          BETA=0.5E01
HA=0.4E01

NEV - TRIPLE T RANCH                 95614  ND       ND       ND       ND
LECTED 12/23/70 1200  SIZE 3.50 L  9292
MA               SPECTRUM
LIGIBLE          BETA=LT2E00
HA=0.5E01

 NEV - BLUE EAGLE RANCH              93890  ND       ND       ND       ND
LECTED 12/19/70       SIZE 3.50 L  6432
MA               SPECTRUM
LIGIBLE          BETA=0.5E01
HA=0.3E01

NLESS OTHERWISE NOTED, RESULTS ARE
N PICO-CURIES PER UNIT OF SIZE,
XCEPT K IS IN GRAMS PER UNIT OF SIZE.
T(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA WATER RESULTS

LOCATION
                                             LAB-NO.& 132TE    131I     133I
                                             USE CODE PCI/L    PCI/L    PCI/L

CURRANT NEV - BLUE EAGLE RANCH                 95175   ND       ND       ND
    COLLECTED 12/20/70 1200  SIZE 3.50 L  8972
    GAMMA               SPECTRUM
    NEGLIGIBLE          BETA=0.6E01
    ALPHA=LT2E00

CURRANT NEV - BLUE EAGLE RANCH                 95448   ND       ND       ND
    COLLECTED 12/21/70 1115  SIZE 3.50 L  8972
    GAMMA               SPECTRUM
    NEGLIGIBLE          BETA=0.6E01
    ALPHA=0.2E01

CURRANT NEV - BLUE EAGLE RANCH                 95442   2.5E01   3.0E01   1.1E01
    COLLECTED 12/22/70 1030  SIZE 3.50 L  8972
    3H=LT4E02           BETA=0.6E01
    ALPHA=0.3E01        89SR=LT5E00
    90SR=LT2E00

CURRANT NEV - BLUE EAGLE RANCH                 95613   ND       ND       ND
    COLLECTED 12/23/70 0845  SIZE 3.50 L  8972
    GAMMA               SPECTRUM
    NEGLIGIBLE          BETA=0.7E01
    ALPHA=0.5E01

CURRANT NEV - BLUE EAGLE RANCH                 95759   ND       ND       ND
    COLLECTED 12/24/70 1120  SIZE 3.50 L  1932
    GAMMA               SPECTRUM
    NEGLIGIBLE          BETA=0.4E01
    ALPHA=0.3E01

DIABLO NEV - REED RANCH                        95004   5.0E02   7.8E01   5.3E02
    COLLECTED 12/19/70 1445  SIZE 3.50 L  2172
    3H=LT4E02           BETA=3.6E01
    ALPHA=1.9E01        89SR=LT5E00
    90SR=0.9E01

DUCKWATER NEV - HALSTEAD RANCH                 95005   ND       ND       ND
    COLLECTED 12/19/70 0930  SIZE 3.50 L  2222
    GAMMA               SPECTRUM
    NEGLIGIBLE          BETA=2.0E01
    ALPHA=0.7E01

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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Y ACCUMULATIVE NEVADA WATER RESULTS

                              LAB-NO.& 132TE    131I     133I     135I
                              USE CODE PCI/L    PCI/L    PCI/L    PCI/L

NEV - BLUE EAGLE RANCH          95175  ND       ND       ND       ND
ECTED 12/20/70 1200  SIZE 3.50 L  8972
A              SPECTRUM
IGIBLE         BETA=0.6E01
A=LT2E00

NEV - BLUE EAGLE RANCH          95448  ND       ND       ND       ND
ECTED 12/21/70 1115  SIZE 3.50 L  8972
A              SPECTRUM
IGIBLE         BETA=0.6E01
A=0.2E01

NEV - BLUE EAGLE RANCH          95442  2.5E01   3.0E01   1.1E01   ND
ECTED 12/22/70 1030  SIZE 3.50 L  8972
T4E02          BETA=0.6E01
A=0.3E01       89SR=LT5E00
=LT2E00

NEV - BLUE EAGLE RANCH          95613  ND       ND       ND       ND
ECTED 12/23/70 0845  SIZE 3.50 L  8972
A              SPECTRUM
IGIBLE         BETA=0.7E01
=0.5E01

NEV - BLUE EAGLE RANCH          95759  ND       ND       ND       ND
ECTED 12/24/70 1120  SIZE 3.50 L  1932
A              SPECTRUM
IGIBLE         BETA=0.4E01
=0.3E01

IV - REED RANCH                 95004  5.0E02   7.8E01   5.3E02   ND
CTED 12/19/70 1445  SIZE 3.50 L  2172
4E02           BETA=3.6E01
=1.9E01        89SR=LT5E00
0.9E01

 NEV - HALSTEAD RANCH           95005  ND       ND       ND       ND
CTED 12/19/70 0930  SIZE 3.50 L  2222
               SPECTRUM
GIBLE          BETA=2.0E01
=0.7E01

ESS OTHERWISE NOTED, RESULTS ARE
PICO-CURIES PER UNIT OF SIZE,
EPT K IS IN GRAMS PER UNIT OF SIZE.
X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA WATER RESULTS

LOCATION                                  LAB-NO.& 132TE    131I     133I     135
                                          USE CODE PCI/L    PCI/L    PCI/L    PCI

DUCKWATER NEV - HALSTEAD RANCH             93992   ND       ND       ND       ND
    COLLECTED 12/19/70 0930  SIZE 3.50 L  1442
    GAMMA                SPECTRUM
    NEGLIGIBLE           3H=LT4E02
    BETA=3.2E01          ALPHA=1.6E01

DUCKWATER NEV - HALSTEAD RANCH             95172   ND       ND       ND       ND
    COLLECTED 12/20/70 1310  SIZE 3.50 L  8272
    GAMMA                SPECTRUM
    NEGLIGIBLE           BETA=1.3E01
    ALPHA=0.5E01

DUCKWATER NEV - HALSTEAD RANCH             95446   ND       ND       ND       ND
    COLLECTED 12/21/70 1230  SIZE 3.50 L  8272
    GAMMA                SPECTRUM
    NEGLIGIBLE           BETA=1.3E01
    ALPHA=0.8E01

DUCKWATER NEV - HALSTEAD RANCH             95440   ND       ND       ND       ND
    COLLECTED 12/22/70 1130  SIZE 3.50 L  8272
    GAMMA                SPECTRUM
    NEGLIGIBLE           BETA=1.9E01
    ALPHA=0.3E01

DUCKWATER NEV - HALSTEAD RANCH             95611   ND       ND       ND       ND
    COLLECTED 12/23/70       SIZE 3.50 L  8272
    GAMMA                SPECTRUM
    NEGLIGIBLE           BETA=1.4E01
    ALPHA=LT2E00

DUCKWATER NEV - HALSTEAD RANCH             95755   ND       LT2E01   LT2E01   ND
    COLLECTED 12/24/70 0915  SIZE 3.50 L  2222
    137CS=LT2E01         K=1.5E00
    BETA=1.4E01          ALPHA=0.6E01

EUREKA NEV - MARTIN RANCH                  95176   ND       ND       ND       ND
    COLLECTED 12/20/70 1410  SIZE 3.50 L  9972
    GAMMA                SPECTRUM
    NEGLIGIBLE           BETA=0.8E01
    ALPHA=0.4E01

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BERRY ACCUMULATIVE NEVADA WATER RESULTS

TION
                                            LAB-NO.& 132TE    131I     133I     135I
                                            USE CODE PCI/L    PCI/L    PCI/L    PCI/L

WATER NEV - HALSTEAD RANCH                    93992   ND       ND       ND       ND
COLLECTED 12/19/70 0930  SIZE 3.50 L  1442
GAMMA                    SPECTRUM
NEGLIGIBLE               3H=LT4E02
BETA=3.2E01              ALPHA=1.6E01

WATER NEV - HALSTEAD RANCH                    95172   ND       ND       ND       ND
COLLECTED 12/20/70 1310  SIZE 3.50 L  8272
GAMMA                    SPECTRUM
NEGLIGIBLE               BETA=1.3E01
ALPHA=0.5E01

WATER NEV - HALSTEAD RANCH                    95446   ND       ND       ND       ND
COLLECTED 12/21/70 1230  SIZE 3.50 L  8272
GAMMA                    SPECTRUM
NEGLIGIBLE               BETA=1.3E01
ALPHA=0.8E01

WATER NEV - HALSTEAD RANCH                    95440   ND       ND       ND       ND
COLLECTED 12/22/70 1130  SIZE 3.50 L  8272
GAMMA                    SPECTRUM
NEGLIGIBLE               BETA=1.9E01
ALPHA=0.3E01

ATER NEV - HALSTEAD RANCH                     95611   ND       ND       ND       ND
COLLECTED 12/23/70       SIZE 3.50 L  8272
AMMA                     SPECTRUM
EGLIGIBLE                BETA=1.4E01
LPHA=LT2E00

ATER NEV - HALSTEAD RANCH                     95755   ND       LT2E01   LT2E01   ND
OLLECTED 12/24/70 0915  SIZE 3.50 L  2222
37CS=LT2E01              K=1.5E00
ETA=1.4E01               ALPHA=0.6E01

A NEV - MARTIN RANCH                          95176   ND       ND       ND       ND
OLLECTED 12/20/70 1410  SIZE 3.50 L  9972
AMMA                     SPECTRUM
EGLIGIBLE                BETA=0.8E01
LPHA=0.4E01

-UNLESS OTHERWISE NOTED, RESULTS ARE
 IN PICO-CURIES PER UNIT OF SIZE,
 EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
 LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA WATER RESULTS

LOCATION
                                                 LAB-NO.& 132TE    131I     133I    1
                                                 USE CODE PCI/L    PCI/L    PCI/L   P

EUREKA NEV - MARTIN RANCH                          95435   ND       ND       ND     N
    COLLECTED 12/21/70 1500  SIZE 3.50 L  9972
    GAMMA                SPECTRUM
    NEGLIGIBLE           BETA=0.7E01
    ALPHA=0.3E01

EUREKA NEV - MARTIN RANCH                          95628   ND       ND       ND     N
    COLLECTED 12/23/70 0700  SIZE 3.50 L  9972
    GAMMA                SPECTRUM
    NEGLIGIBLE           BETA=0.6E01
    ALPHA=0.4E01

HAWTHORNE NEV - WALKER LAKE                        93989   ND       ND       ND     N
    COLLECTED 12/19/70 1115  SIZE 3.50 L  9122
    GAMMA                SPECTRUM
    NEGLIGIBLE           BETA=1.6E02
    ALPHA=1.9E01

HIKO NEV - SCHOFIELD DAIRY                         93839   ND       ND       ND     N
    COLLECTED 12/19/70 1150  SIZE 3.50 L  8432
    GAMMA                SPECTRUM
    NEGLIGIBLE           BETA=2.9E01
    ALPHA=2.0E01

HIKO NEV - SCHOFIELD DAIRY                         95050   ND       ND       ND     N
    COLLECTED 12/20/70 1025  SIZE 3.50 L  8432
    GAMMA                SPECTRUM
    NEGLIGIBLE           BETA=3.5E01
    ALPHA=3.0E01

HIKO NEV - SCHOFIELD DAIRY                         95249   ND       ND       ND     N
    COLLECTED 12/21/70 0920  SIZE 3.50 L  8432
    GAMMA                SPECTRUM
    NEGLIGIBLE           BETA=3.0E01
    ALPHA=2.2E01

HIKO NEV - SCHOFIELD DAIRY                         95432   ND       ND       ND     N
    COLLECTED 12/22/70 0910  SIZE 3.50 L  8432
    GAMMA                SPECTRUM
    NEGLIGIBLE           BETA=3.1E01
    ALPHA=2.7E01

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
     IN PICO-CURIES PER UNIT OF SIZE.
     EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
     LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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RY ACCUMULATIVE NEVADA WATER RESULTS

                                          LAB-NO.& 132TE    131I     133I     135I
                                          USE CODE PCI/L    PCI/L    PCI/L    PCI/L

NEV - MARTIN RANCH                         95435   ND       ND       ND       ND
LECTED 12/21/70 1500  SIZE 3.50 L  9972
HA                 SPECTRUM
LIGIBLE            BETA=0.7E01
HA=0.3E01

NEV - MARTIN RANCH                         95628   ND       ND       ND       ND
LECTED 12/23/70 0700  SIZE 3.50 L  9972
HA                 SPECTRUM
LIGIBLE            BETA=0.6E01
HA=0.4E01

NE NEV - WALKER LAKE                       93989   ND       ND       ND       ND
LECTED 12/19/70 1115  SIZE 3.50 L  9122
HA                 SPECTRUM
LIGIBLE            BETA=1.6E02
HA=1.9E01

V - SCHOFIELD DAIRY                        93839   ND       ND       ND       ND
LECTED 12/19/70 1150  SIZE 3.50 L  8432
HA                 SPECTRUM
LIGIBLE            BETA=2.9E01
HA=2.0E01

V - SCHOFIELD DAIRY                        95050   ND       ND       ND       ND
LECTED 12/20/70 1025  SIZE 3.50 L  8432
HA                 SPECTRUM
LIGIBLE            BETA=3.5E01
HA=3.6E01

V - SCHOFIELD DAIRY                        95249   ND       ND       ND       ND
LECTED 12/21/70 0920  SIZE 3.50 L  8432
HA                 SPECTRUM
LIGIBLE            BETA=3.0E01
HA=2.2E01

V - SCHOFIELD DAIRY                        95432   ND       ND       ND       ND
LECTED 12/22/70 0910  SIZE 3.50 L  8432
HA                 SPECTRUM
LIGIBLE            BETA=3.1E01
HA=2.7E01

LESS OTHERWISE NOTED, RESULTS ARE
 PICO-CURIES PER UNIT OF SIZE.
CEPT K IS IN GRAMS PER UNIT OF SIZE.
(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA WATER RESULTS

LOCATION                                   LAB-NO.& 132TE   131I    133I    1
                                           USE CODE PCI/L   PCI/L   PCI/L   P

LUND NEV - MCKENZIE DAIRY                    93913  ND      ND      ND      ND
    COLLECTED 12/19/70 1030  SIZE 3.50 L  8932
    GAMMA                SPECTRUM
    NEGLIGIBLE           BETA=0.3E01
    ALPHA=0.6E01

LUND NEV - MCKENZIE DAIRY                    95240  ND      ND      ND      ND
    COLLECTED 12/20/70 1130  SIZE 3.50 L  6932
    GAMMA                SPECTRUM
    NEGLIGIBLE           BETA=0.9E01
    ALPHA=0.6E01

LUND NEV - MCKENZIE DAIRY                    95252  ND      ND      ND      ND
    COLLECTED 12/21/70 0920  SIZE 3.50 L  6932
    GAMMA                SPECTRUM
    NEGLIGIBLE           BETA=0.6E01
    ALPHA=0.6E01

LUND NEV - MCKENZIE DAIRY                    95491  ND      ND      ND      ND
    COLLECTED 12/22/70 0900  SIZE 3.50 L  6932
    GAMMA                SPECTRUM
    NEGLIGIBLE           BETA=0.2E01
    ALPHA=0.3E01

MCGILL NEV - LARSEN RANCH                    95489  ND      ND      ND      ND
    COLLECTED 12/21/70 1730  SIZE 3.50 L  6932
    GAMMA                SPECTRUM
    NEGLIGIBLE           BETA=1.2E01
    ALPHA=0.7E01

MCGILL NEV - LARSEN RANCH                    95490  ND      ND      ND      ND
    COLLECTED 12/22/70 1130  SIZE 3.50 L  6932
    GAMMA                SPECTRUM
    NEGLIGIBLE           BETA=0.6E01
    ALPHA=0.3E01

MCGILL NEV - LARSEN RANCH                    95612  ND      ND      ND      ND
    COLLECTED 12/23/70 1120  SIZE 3.50 L  2932
    GAMMA                SPECTRUM
    NEGLIGIBLE           BETA=0.4E01
    ALPHA=0.3E01

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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RY ACCUMULATIVE NEVADA WATER RESULTS

N
                                    LAB-NO.& 132TE    131I     133I     135I
                                    USE CODE PCI/L    PCI/L    PCI/L    PCI/L
V - MCKENZIE DAIRY
                                     93913    ND       ND       ND       ND
LECTED 12/19/70 1030  SIZE 3.50 L  8932
MA                 SPECTRUM
LIGIBLE            BETA=0.3E01
HA=0.6E01

V - MCKENZIE DAIRY
                                     95240    ND       ND       ND       ND
LECTED 12/20/70 1130  SIZE 3.50 L  6932
MA                 SPECTRUM
LIGIBLE            BETA=0.9E01
MA=0.6E01

/ - MCKENZIE DAIRY
                                     95252    ND       ND       ND       ND
LECTED 12/21/70 0920  SIZE 3.50 L  6932
A                  SPECTRUM
IGIBLE             BETA=0.6E01
A=0.6E01

 - MCKENZIE DAIRY
                                     95491    ND       ND       ND       ND
ECTED 12/22/70 0900  SIZE 3.50 L  6932
A                  SPECTRUM
IGIBLE             BETA=0.2E01
A=0.3E01

EV - LARSEN RANCH
                                     95489    ND       ND       ND       ND
ECTED 12/21/70 1730  SIZE 3.50 L  6932
                   SPECTRUM
IGIBLE             BETA=1.2E01
=0.7E01

EV - LARSEN RANCH
                                     95490    ND       ND       ND       ND
ECTED 12/22/70 1130  SIZE 3.50 L  6932
                   SPECTRUM
GIBLE              BETA=0.6E01
=0.3E01

V - LARSEN RANCH
                                     95612    ND       ND       ND       ND
CTED 12/23/70 1120  SIZE 3.50 L  2932
                   SPECTRUM
GIBLE              BETA=0.4E01
=0.3E01

ESS OTHERWISE NOTED, RESULTS ARE
PICO-CURIES PER UNIT OF SIZE,
EPT K IS IN GRAMS PER UNIT OF SIZE.
X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA WATER RESULTS

LOCATION
                                        LAB-NO.& 132TE    131I    133I    13
                                        USE CODE PCI/L    PCI/L   PCI/L   PC
NYALA NEV - SHARP'S RANCH
     COLLECTED 12/19/70 1105  SIZE 3.50 L  93891  ND       ND      ND      ND
     GAMMA                                  6432
     NEGLIGIBLE          SPECTRUM
     ALPHA=0.5E01        BETA=0.3E01

NYALA NEV - SHARP'S RANCH
     COLLECTED 12/20/70 1100  SIZE 3.50 L  95177  ND       ND      ND      ND
     GAMMA                                  8932
     NEGLIGIBLE          SPECTRUM
     ALPHA=0.4E01        BETA=0.4E01

NYALA NEV - SHARP'S RANCH
     COLLECTED 12/21/70 1020  SIZE 3.50 L  95441  ND       ND      ND      ND
     GAMMA                                  8932
     NEGLIGIBLE          SPECTRUM
     ALPHA=0.3E01        BETA=0.3E01

NYALA NEV - SHARP'S RANCH
     COLLECTED 12/22/70 0945  SIZE 3.50 L  95449  ND       ND      ND      ND
     GAMMA                                  8932
     NEGLIGIBLE          SPECTRUM
     ALPHA=LT2E00        BETA=0.7E01

NYALA NEV - SHARP'S RANCH
     COLLECTED 12/23/70 0945  SIZE 3.50 L  95616  ND       ND      ND      ND
     GAMMA                                  8932
     NEGLIGIBLE          SPECTRUM
     ALPHA=0.5E01        BETA=0.4E01

NYALA NEV - SHARP'S RANCH
     COLLECTED 12/24/70 1210  SIZE 3.50 L  95758  ND       ND      ND      ND
     GAMMA                                  2932
     NEGLIGIBLE          SPECTRUM
     ALPHA=LT2E00        BETA=0.3E01

PANACA NEV - KENNETH LEE RANCH
     COLLECTED 12/20/70 1230  SIZE 3.50 L  95043  ND       ND      ND      ND
     GAMMA                                  6972
     NEGLIGIBLE          SPECTRUM
     ALPHA=0.6E01        BETA=0.6E01

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
     IN PICO-CURIES PER UNIT OF SIZE,
     EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
     LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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RY ACCUMULATIVE NEVADA WATER RESULTS

N
                                  LAB-NO.& 132TE   131I    133I    135I
                                  USE CODE PCI/L   PCI/L   PCI/L   PCI/L

EV - SHARP'S RANCH                  93891   ND      ND      ND      ND
LECTED 12/19/70 1105  SIZE 3.50 L  6432
MA                 SPECTRUM
LIGIBLE            BETA=0.3E01
HA=0.5E01

EV - SHARP'S RANCH                  95177   ND      ND      ND      ND
LECTED 12/20/70 1100  SIZE 3.50 L  8932
MA                 SPECTRUM
LIGIBLE            BETA=0.4E01
HA=0.4E01

EV - SHARP'S RANCH                  95441   ND      ND      ND      ND
LECTED 12/21/70 1020  SIZE 3.50 L  8932
MA                 SPECTRUM
LIGIBLE            BETA=0.3E01
HA=0.3E01

EV - SHARP'S RANCH                  95449   ND      ND      ND      ND
LECTED 12/22/70 0945  SIZE 3.50 L  8932
A                  SPECTRUM
LIGIBLE            BETA=0.7E01
HA=LT2E00

EV - SHARP'S RANCH                  95616   ND      ND      ND      ND
LECTED 12/23/70 0945  SIZE 3.50 L  8932
A                  SPECTRUM
IGIBLE             BETA=0.4E01
A=0.5E01

V - SHARP'S RANCH                   95758   ND      ND      ND      ND
ECTED 12/24/70 1210  SIZE 3.50 L  2932
A                  SPECTRUM
IGIBLE             BETA=0.3E01
A=LT2E00

EV - KENNETH LEE RANCH              95043   ND      ND      ND      ND
ECTED 12/20/70 1230  SIZE 3.50 L  6972
A                  SPECTRUM
IGIBLE             BETA=0.6E01
A=0.6E01

LESS OTHERWISE NOTED, RESULTS ARE
 PICO-CURIES PER UNIT OF SIZE,
CEPT K IS IN GRAMS PER UNIT OF SIZE.
(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA WATER RESULTS

LOCATION                                  LAB-NO.& 132TE    131I    133I    135I
                                          USE CODE PCI/L    PCI/L   PCI/L   PCI/

PANACA NEV - KENNETH LEE RANCH             95235   ND       ND      ND      ND
    COLLECTED 12/21/70 1150  SIZE 3.50 L  6972
    GAMMA                SPECTRUM
    NEGLIGIBLE           BETA=0.9E01
    ALPHA=0.2E01

PANACA NEV - KENNETH LEE RANCH             95434   ND       ND      ND      ND
    COLLECTED 12/22/70 1050  SIZE 3.50 L  6972
    GAMMA                SPECTRUM
    NEGLIGIBLE           BETA=0.6E01
    ALPHA=0.3E01

ROUND MT NEV - KARL BERG RANCH             93991   1.4E02   ND      2.4E02  ND
    COLLECTED 12/19/70 1630  SIZE 3.50 L  6932
    3H=7.5E02            BETA=0.8E01
    ALPHA=LT2E00         89SR=LT5E00
    90SR=LT2E00

ROUND MT NEV - KARL BERG RANCH             95185   ND       ND      ND      ND
    COLLECTED 12/20/70 1015  SIZE 3.50 L  8972
    GAMMA                SPECTRUM
    NEGLIGIBLE           BETA=0.8E01
    ALPHA=0.3E01

ROUND MT NEV - KARL BERG RANCH             95447   ND       ND      ND      ND
    COLLECTED 12/21/70 1020  SIZE 3.50 L  8972
    GAMMA                SPECTRUM
    NEGLIGIBLE           BETA=0.4E01
    ALPHA=0.4E01

ROUND MT NEV - KARL BERG RANCH             95402   ND       ND      ND      ND
    COLLECTED 12/22/70 1010  SIZE 3.50 L  8972
    GAMMA                SPECTRUM
    NEGLIGIBLE           BETA=0.3E01
    ALPHA=0.6E01

ROUND MT NEV - KARL BERG RANCH             95619   ND       ND      ND      ND
    COLLECTED 12/23/70 1300  SIZE 3.50 L  8972
    GAMMA                SPECTRUM
    NEGLIGIBLE           BETA=0.4E01
    ALPHA=LT2E00

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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ACCUMULATIVE NEVADA WATER RESULTS

                                 LAB-NO.& 132TE    131I     133I     135I
                                 USE CODE PCI/L    PCI/L    PCI/L    PCI/L

V - KENNETH LFE RANCH             95235   ND       ND       ND       ND
CTED 12/21/70 1150  SIZE 3.50 L  6972
                SPECTRUM
SIBLE           BETA=0.9E01
=0.2E01

V - KENNETH LEE RANCH             95434   ND       ND       ND       ND
CTED 12/22/70 1050  SIZE 3.50 L  6972
                SPECTRUM
SIBLE           BETA=0.6E01
=0.3E01

NEV - KARL BERG RANCH             93991   1.4E02   ND       2.4E02   ND
CTED 12/19/70 1630  SIZE 3.50 L  6932
5E02            BETA=0.8E01
=LT2E00         89SR=LT5E00
LT2E00

NEV - KARL BERG RANCH             95185   ND       ND       ND       ND
CTED 12/20/70 1015  SIZE 3.50 L  8972
                SPECTRUM
SIBLE           BETA=0.8E01
=0.3E01

NEV - KARL BERG RANCH             95447   ND       ND       ND       ND
CTED 12/21/70 1020  SIZE 3.50 L  8972
                SPECTRUM
SIBLE           BETA=0.4E01
=0.4E01

NEV - KARL BERG RANCH             95402   ND       ND       ND       ND
CTED 12/22/70 1010  SIZE 3.50 L  8972
                SPECTRUM
SIBLE           BETA=0.3E01
=0.6E01

NEV - KARL BERG RANCH             95619   ND       ND       ND       ND
CTED 12/23/70 1300  SIZE 3.50 L  8972
                SPECTRUM
SIBLE           BETA=0.4E01
LT2E00

SS OTHERWISE NOTED, RESULTS ARE
ICO-CURIES PER UNIT OF SIZE.
PT K IS IN GRAMS PER UNIT OF SIZE.
)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA WATER RESULTS

LOCATION                                      LAB-NO.& 132TE    131I     133I     135I
                                              USE CODE PCI/L    PCI/L    PCI/L    PCI/L

SHOSHONE NEV - KIRKEBY RANCH                   95019   ND       ND       ND       ND
    COLLECTED 12/19/70 1530  SIZE 3.50 L  1432
    GAMMA                SPECTRUM
    NEGLIGIBLE           BETA=LT2E00
    ALPHA=LT2E00

SHOSHONE NEV - KIRKEBY RANCH                   95241   ND       ND       ND       ND
    COLLECTED 12/20/70 1400  SIZE 3.50 L  6932
    GAMMA                SPECTRUM
    NEGLIGIBLE           BETA=0.4E01
    ALPHA=0.2E01

SHOSHONE NEV - KIRKEBY RANCH                   95236   ND       ND       ND       ND
    COLLECTED 12/21/70 1030  SIZE 3.50 L  6932
    GAMMA                SPECTRUM
    NEGLIGIBLE           BETA=0.8E01
    ALPHA=0.4E01

SHOSHONE NEV - KIRKEBY RANCH                   95451   ND       ND       ND       ND
    COLLECTED 12/22/70 1240  SIZE 3.50 L  6932
    GAMMA                SPECTRUM
    NEGLIGIBLE           BETA=LT2E00
    ALPHA=LT2E00

SHOSHONE NEV - KIRKEBY RANCH                   95615   ND       ND       ND       ND
    COLLECTED 12/23/70 0940  SIZE 3.50 L  8432
    GAMMA                SPECTRUM
    NEGLIGIBLE           BETA=LT2E00
    ALPHA=LT2E00

SPRINGDALE NEV SEIDENTOPF RCH                  96167   ND       ND       ND       ND
    COLLECTED 12/31/70 1400  SIZE 3.50 L
    GAMMA                SPECTRUM
    NEGLIGIBLE           BETA=1.1E01
    ALPHA=1.5E01

SPRINGDALE NEV SEIDENTOPF RCH                  96169   ND       ND       ND       ND
    COLLECTED 12/31/70 1410  SIZE 3.50 L
    GAMMA                SPECTRUM
    NEGLIGIBLE           BETA=0.8E01
    ALPHA=1.3E01

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA WATER RESULTS

LOCATION                                    LAB-NO.& 132TE    131I     133I     135I
                                            USE CODE PCI/L    PCI/L    PCI/L    PCI/

SPRINGDALE NEV - MCCURDY RANCH              95178    ND       ND       ND       ND
    COLLECTED 12/21/70 1045  SIZE 3.50 L  6772
    GAMMA                SPECTRUM
    NEGLIGIBLE           BETA=2.1E01
    ALPHA=2.0E01

SPRINGDALE NEV - MCCURDY RANCH              95591    ND       ND       ND       ND
    COLLECTED 12/23/70 1130  SIZE 3.50 L  5292
    GAMMA                SPECTRUM
    NEGLIGIBLE           BETA=0.6E01
    ALPHA=0.7E01

SPRINGDALE NEV - MCCURDY RANCH              95608    ND       ND       ND       ND
    COLLECTED 12/24/70 1030  SIZE 3.50 L  5272
    GAMMA                SPECTRUM
    NEGLIGIBLE           BETA=1.1E01
    ALPHA=1.1E01

SPRINGDALE NEV - MCCURDY RANCH              96059    ND       ND       ND       ND
    COLLECTED 12/29/70 1610  SIZE 3.50 L  2172
    GAMMA                SPECTRUM
    NEGLIGIBLE           BETA=0.4E01
    ALPHA=1.1E01

SPRINGDALE NEV - MCCURDY RANCH              96103    ND       ND       ND       ND
    COLLECTED 12/30/70 1330  SIZE 3.50 L  2172
    GAMMA                SPECTRUM
    NEGLIGIBLE           BETA=1.4E01
    ALPHA=1.6E01

WARM SPRINGS NEV STONE CABIN RNCH           95436    ND       ND       ND       ND
    COLLECTED 12/22/70 0810  SIZE 3.50 L  6472
    GAMMA                SPECTRUM
    NEGLIGIBLE           BETA=0.7E01
    ALPHA=LT2E00

WARM SPRINGS NEV - FALLINI'S POND           93914    2.2E02   ND       3.1E02   ND
    COLLECTED 12/19/70 1130  SIZE 3.50 L  2192
    3H=LT4E02            BETA=4.2E01
    ALPHA=1.8E01         89SR=LT5E00
    90SR=LT2E00

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE.
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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RY ACCUMULATIVE NEVADA WATER RESULTS

N                                      LAB-NO.& 132TE    131I     133I     135I
                                       USE CODE PCI/L    PCI/L    PCI/L    PCI/L

ALE NEV - MCCURDY RANCH                 95178   ND       ND       ND       ND
LECTED 12/21/70 1045  SIZE 3.50 L  6772
MA                 SPECTRUM
LIGIBLE            BETA=2.1E01
HA=2.0E01

ALE NEV - MCCURDY RANCH                 95591   ND       ND       ND       ND
LECTED 12/23/70 1130  SIZE 3.50 L  5292
MA                 SPECTRUM
LIGIBLE            BETA=0.6E01
HA=0.7E01

ALE NEV - MCCURDY RANCH                 95688   ND       ND       ND       ND
LECTED 12/24/70 1030  SIZE 3.50 L  5272
MA                 SPECTRUM
LIGIBLE            BETA=1.1E01
HA=1.1E01

ALE NEV - MCCURDY RANCH                 96059   ND       ND       ND       ND
LECTED 12/29/70 1610  SIZE 3.50 L  2172
MA                 SPECTRUM
LIGIBLE            BETA=0.4E01
HA=1.1E01

ALE NEV - MCCURDY RANCH                 96103   ND       ND       ND       ND
LECTED 12/30/70 1330  SIZE 3.50 L  2172
MA                 SPECTRUM
LIGIBLE            BETA=1.4E01
HA=1.6E01

RINGS NEV STONE CABIN RNCH              95436   ND       ND       ND       ND
LECTED 12/22/70 0810  SIZE 3.50 L  6472
MA                 SPECTRUM
LIGIBLE            BETA=0.7E01
HA=LT2E00

RINGS NEV - FALLINI'S POND              93914   2.2E02   ND       3.1E02   ND
LECTED 12/19/70 1130  SIZE 3.50 L  2192
LT4E02             BETA=4.2E01
HA=1.8E01          89SR=LT5E00
=LT2E00

NLESS OTHERWISE NOTED, RESULTS ARE
N PICO-CURIES PER UNIT OF SIZE,
XCEPT K IS IN GRAMS PER UNIT OF SIZE.
T(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE UTAH WATER RESULTS

LOCATION
                                              LAB-NO.& 132TE    131I     133I     135
                                              USE CODE PCI/L    PCI/L    PCI/L    PCI

DELTA UTAH JEFFERY CLAYTON DAIRY               95076    ND       ND       ND       ND
    COLLECTED 12/19/70 2045  SIZE 3.50 L  6932
    GAMMA                SPECTRUM
    NEGLIGIBLE           BETA=0.3E01
    ALPHA=LT2E00

DELTA UTAH JEFFERY CLAYTON DAIRY               95075    ND       ND       ND       ND
    COLLECTED 12/20/70 1010  SIZE 3.50 L  6932
    GAMMA                SPECTRUM
    NEGLIGIBLE           BETA=LT2E00
    ALPHA=0.4E01

DELTA UTAH JEFFERY CLAYTON DAIRY               95270    ND       ND       ND       ND
    COLLECTED 12/21/70 1018  SIZE 3.50 L  6932
    GAMMA                SPECTRUM
    NEGLIGIBLE           BETA=LT2E00
    ALPHA=LT2E00

DELTA UTAH JEFFERY CLAYTON DAIRY               95423    ND       ND       ND       ND
    COLLECTED 12/22/70 0810  SIZE 3.50 L  6932
    GAMMA                SPECTRUM
    NEGLIGIBLE           BETA=0.2E01
    ALPHA=LT2E00

FILLMORE UTAH MRS SAM WADE DAIRY               95077    ND       ND       ND       ND
    COLLECTED 12/19/70 1900  SIZE 3.50 L  6932
    GAMMA                SPECTRUM
    NEGLIGIBLE           BETA=LT2E00
    ALPHA=LT2E00

FILLMORE UTAH MRS SAM WADE DAIRY               95301    7.0E02   ND       6.6E01   ND
    COLLECTED 12/20/70 1315  SIZE 3.50 L  6932
    3H=5.4E02            BETA=1.9E01
    ALPHA=LT2E00         89SR=LT5E00
    90SR=LT2E00

FILLMORE UTAH MRS SAM WADE DAIRY               95271    ND       ND       ND       ND
    COLLECTED 12/20/70 1315  SIZE 3.50 L  6932
    GAMMA                SPECTRUM
    NEGLIGIBLE           BETA=LT2E00
    ALPHA=0.2E01

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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ERRY ACCUMULATIVE UTAH WATER RESULTS

ION                                         LAB-NO.& 132TE    131I     133I     135I
                                            USE CODE PCI/L    PCI/L    PCI/L    PCI/L

 UTAH JEFFERY CLAYTON DAIRY                   95076   ND       ND       ND       ND
OLLECTED 12/19/70 2045  SIZE 3.50 L  6932
AMMA                SPECTRUM
EGLIGIBLE           BETA=0.3E01
LPHA=LT2E00

 UTAH JEFFERY CLAYTON DAIRY                   95075   ND       ND       ND       ND
OLLECTED 12/20/70 1010  SIZE 3.50 L  6932
AMMA                SPECTRUM
EGLIGIBLE           BETA=LT2E00
LPHA=0.4E01

 UTAH JEFFERY CLAYTON DAIRY                   95270   ND       ND       ND       ND
OLLECTED 12/21/70 1018  SIZE 3.50 L  6932
AMMA                SPECTRUM
EGLIGIBLE           BETA=LT2E00
LPHA=LT2E00

 UTAH JEFFERY CLAYTON DAIRY                   95423   ND       ND       ND       ND
OLLECTED 12/22/70 0810  SIZE 3.50 L  6932
AMMA                SPECTRUM
GLIGIBLE            BETA=0.2E01
PHA=LT2E00

ORE UTAH MRS SAM WADE DAIRY                   95077   ND       ND       ND       ND
OLLECTED 12/19/70 1900  SIZE 3.50 L  6932
MMA                 SPECTRUM
GLIGIBLE            BETA=LT2E00
PHA=LT2E00

RE UTAH MRS SAM WADE DAIRY                    95301   7.0E02   ND       6.6E01   ND
LLECTED 12/20/70 1315  SIZE 3.50 L  6932
=5.4E02             BETA=1.9E01
PHA=LT2E00          89SR=LT5E00
SR=LT2E00

RE UTAH MRS SAM WADE DAIRY                    95271   ND       ND       ND       ND
LLECTED 12/20/70 1315  SIZE 3.50 L  6932
MMA                 SPECTRUM
GLIGIBLE            BETA=LT2E00
PHA=0.2E01

UNLESS OTHERWISE NOTED, RESULTS ARE
IN PICO-CURIES PER UNIT OF SIZE,
EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE UTAH WATER RESULTS

LOCATION                                 LAB-NO.& 132TE    131I    133I    135I
                                         USE CODE PCI/L    PCI/L   PCI/L   PCI/

FILLMORE UTAH MRS SAM WADE DAIRY          95269   ND       ND      ND      ND
    COLLECTED 12/21/70 1115  SIZE 3.50 L  6932
    GAMMA               SPECTRUM
    NEGLIGIBLE          BETA=0.3E01
    ALPHA=0.4E01

FILLMORE UTAH MRS SAM WADE DAIRY          95422   ND       ND      ND      ND
    COLLECTED 12/22/70 0920  SIZE 3.50 L  6932
    GAMMA               SPECTRUM
    NEGLIGIBLE          BETA=LT2E00
    ALPHA=LT2E00

MILFORD UTAH BILL POWELL DAIRY            95070   ND       ND      ND      ND
    COLLECTED 12/19/70 1630  SIZE 3.50 L  6932
    GAMMA               SPECTRUM
    NEGLIGIBLE          BETA=1.0E01
    ALPHA=1.6E01

MILFORD UTAH BILL POWELL DAIRY            95274   ND       ND      ND      ND
    COLLECTED 12/20/70 1500  SIZE 3.50 L  6932
    GAMMA               SPECTRUM
    NEGLIGIBLE          BETA=1.4E01
    ALPHA=1.1E01

MILFORD UTAH BILL POWELL DAIRY            95273   ND       ND      ND      ND
    COLLECTED 12/21/70 1325  SIZE 3.50 L  6932
    GAMMA               SPECTRUM
    NEGLIGIBLE          BETA=1.2E01
    ALPHA=2.2E01

MILFORD UTAH BILL POWELL DAIRY            95488   ND       ND      ND      ND
    COLLECTED 12/22/70 1110  SIZE 3.50 L  6932
    GAMMA               SPECTRUM
    NEGLIGIBLE          BETA=0.8E01
    ALPHA=2.5E01

NEWCASTLE UTAH - MUNICIPAL RESERVOIR      93975   ND       ND      ND      ND
    COLLECTED 12/19/70 2100  SIZE 3.50 L  3152
    GAMMA               SPECTRUM
    NEGLIGIBLE          BETA=0.8E01
    ALPHA=0.7E01

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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ACCUMULATIVE UTAH WATER RESULTS

                                LAB-NO.& 132TE    131I     133I     135I
                                USE CODE PCI/L    PCI/L    PCI/L    PCI/L

UTAH MRS SAM WADE DAIRY          95269   ND       ND       ND       ND
CTED 12/21/70 1115  SIZE 3.50 L  6932
               SPECTRUM
GIBLE          BETA=0.3E01
=0.4E01

UTAH MRS SAM WADE DAIRY          95422   ND       ND       ND       ND
CTED 12/22/70 0920  SIZE 3.50 L  6932
               SPECTRUM
GIBLE          BETA=LT2E00
=LT2E00

TAH BILL POWELL DAIRY            95070   ND       ND       ND       ND
CTED 12/19/70 1630  SIZE 3.50 L  6932
               SPECTRUM
GIBLE          BETA=1.0E01
=1.6E01

TAH BILL POWELL DAIRY            95274   ND       ND       ND       ND
CTED 12/20/70 1500  SIZE 3.50 L  6932
               SPECTRUM
GIBLE          BETA=1.4E01
=1.1E01

TAH BILL POWELL DAIRY            95273   ND       ND       ND       ND
CTED 12/21/70 1325  SIZE 3.50 L  6932
               SPECTRUM
GIBLE          BETA=1.2E01
=2.2E01

TAH BILL POWELL DAIRY            95488   ND       ND       ND       ND
CTED 12/22/70 1110  SIZE 3.50 L  6932
               SPECTRUM
GIBLE          BETA=0.8E01
=2.5E01

 UTAH - MUNICIPAL RESERVOIR      93975   ND       ND       ND       ND
CTED 12/19/70 2100  SIZE 3.50 L  3152
               SPECTRUM
IBLE           BETA=0.8E01
0.7E01

ESS OTHERWISE NOTED, RESULTS ARE
ICO-CURIES PER UNIT OF SIZE,
PT K IS IN GRAMS PER UNIT OF SIZE.
)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE ARIZONA PRECIPITATION RESULTS

LOCATION                                  LAB-NO.& 132TE    131I    133I    135I
                                          USE CODE PCI/L    PCI/L   PCI/L   PCI/L

LITTLEFIELD ARIZ 11 MI N ON HWY 91          95304   ND       ND      ND      ND
    COLLECTED 12/21/70         SIZE .400 L
    GAMMA                 SPECTRUM
    NEGLIGIBLE

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE CALIFORNIA PRECIPITATION RESULTS

LOCATION                                   LAB-NO.& 132TE    131I    133I     13
                                           USE CODE PCI/L    PCI/L   PCI/L    PC

BISHOP CALIF 59 MI S ON US 395              95127   2.6E02   ND      4.6E02   ND
    COLLECTED 12/20/70        SIZE .400 L

BISHOP CALIF 16 MI S ON US 395              95128   1.7E02   ND      ND       ND
    COLLECTED 12/20/70 1517  SIZE .400 L

BISHOP CALIF 23 MI S ON HWY 395             95895   ND       ND      ND       ND
    COLLECTED 12/24/70 0930  SIZE .400 L
    GAMMA               SPECTRUM
    NEGLIGIBLE

FRESNO CALIF - HARPAIN'S DAIRY              95539   ND       ND      ND       ND
    COLLECTED 12/22/70 0930  SIZE 3.50 L  SB
    GAMMA               SPECTRUM
    NEGLIGIBLE

FRESNO CALIF - ST COLLEGE CREAMERY          95530   ND       ND      ND       ND
    COLLECTED 12/22/70        SIZE 3.50 L  SB
    GAMMA               SPECTRUM
    NEGLIGIBLE

HANFORD CALIF - SUPERIOR DAIRY PROD         95533   ND       ND      ND       ND
    COLLECTED 12/21/70 1620  SIZE 3.50 L  SB
    GAMMA               SPECTRUM
    NEGLIGIBLE

LITTLE LAKE CALIF - LITTLE LAKE RCH         95840   ND       ND      ND       ND
    COLLECTED 12/24/70 1255  SIZE .400 L
    GAMMA               SPECTRUM
    NEGLIGIBLE

LONE PINE CALIF - FOREST SER RNGR STA       95739   1.9E02   7.5E01  1.9E02   ND
    COLLECTED 12/24/70 0730  SIZE 3.50 L

OLANCHA CALIF - HAYHURST RANCH              95841   ND       ND      ND       ND
    COLLECTED 12/24/70 1010  SIZE .400 L
    GAMMA               SPECTRUM
    NEGLIGIBLE

REDDING CALIF - MCCOLL'S DAIRY PROD         95683   6.0E01   ND      ND       ND
    COLLECTED 12/22/70 0830  SIZE 3.50 L  SB

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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Y ACCUMULATIVE CALIFORNIA PRECIPITATION RESULTS

                                 LAB-NO.& 132TE    131I     133I     135I
                                 USE CODE PCI/L    PCI/L    PCI/L    PCI/L

ALIF 59 MI S ON US 395             95127   2.6E02   ND       4.6E02   ND
ECTED 12/20/70        SIZE .400 L

ALIF 16 MI S ON US 395             95128   1.7E02   ND       ND       ND
ECTED 12/20/70 1517  SIZE .400 L

ALIF 23 MI S ON HWY 395            95895   ND       ND       ND       ND
ECTED 12/24/70 0930  SIZE .400 L
A              SPECTRUM
IGIBLE

ALIF - HARPAIN'S DAIRY             95539   ND       ND       ND       ND
ECTED 12/22/70 0930  SIZE 3.50 L  SB
A              SPECTRUM
IGIBLE

ALIF - ST COLLEGE CREAMERY         95530   ND       ND       ND       ND
ECTED 12/22/70        SIZE 3.50 L  SB
A              SPECTRUM
IGIBLE

CALIF - SUPERIOR DAIRY PROD        95533   ND       ND       ND       ND
ECTED 12/21/70 1620  SIZE 3.50 L  SB
A              SPECTRUM
IGIBLE

AKE CALIF - LITTLE LAKE RCH        95840   ND       ND       ND       ND
ECTED 12/24/70 1255  SIZE .400 L
A              SPECTRUM
IGIBLE

E CALIF - FOREST SER RNGR STA      95739   1.9E02   7.5E01   1.9E02   ND
ECTED 12/24/70 0730  SIZE 3.50 L

CALIF - HAYHURST RANCH             95841   ND       ND       ND       ND
ECTED 12/24/70 1010  SIZE .400 L
A              SPECTRUM
IGIBLE

CALIF - MCCOLL'S DAIRY PROD        95683   6.0E01   ND       ND       ND
ECTED 12/22/70 0830  SIZE 3.50 L  SB

LESS OTHERWISE NOTED, RESULTS ARE
 PICO-CURIES PER UNIT OF SIZE.
CEPT K IS IN GRAMS PER UNIT OF SIZE.
(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE CALIFORNIA PRECIPITATION RESULTS

LOCATION                                    LAB-NO.& 132TE    131I     133I     135I
                                            USE CODE PCI/L    PCI/L    PCI/L    PCI/

SANTA CLARA CALIF - EDELWEISS DAIRIES        95981   ND       ND       ND       ND
    COLLECTED 12/22/70 1000  SIZE .400 L   SB
    GAMMA                  SPECTRUM
    NEGLIGIBLE

SANTA ROSA CALIF - ARLINGTON FARMS           95641   ND       ND       ND       ND
    COLLECTED 12/23/70 0900  SIZE 3.50 L   SB
    GAMMA                  SPECTRUM
    NEGLIGIBLE

TRACY CALIF - DEUEL VOC INST                 95720   ND       ND       ND       ND
    COLLECTED 12/22/70 0830  SIZE 3.50 L   SB
    GAMMA                  SPECTRUM
    NEGLIGIBLE

WEED CALIF - MEDO-BEL CREAMERY               95784   ND       ND       ND       ND
    COLLECTED 12/22/70 1000  SIZE 3.50 L   SB
    GAMMA                  SPECTRUM
    NEGLIGIBLE

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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RRY ACCUMULATIVE CALIFORNIA PRECIPITATION RESULTS

ON                                    LAB-NO.& 132TE    131I     133I     135I
                                      USE CODE PCI/L    PCI/L    PCI/L    PCI/L

CLARA CALIF - EDELWEISS DAIRIES         95981   ND       ND       ND       ND
LLECTED 12/22/70 1000  SIZE .400 L  SB
MMA              SPECTRUM
GLIGIBLE

ROSA CALIF - ARLINGTON FARMS            95641   ND       ND       ND       ND
LLECTED 12/23/70 0900  SIZE 3.50 L  SB
MMA              SPECTRUM
GLIGIBLE

CALIF - DEUEL VOC INST                  95720   ND       ND       ND       ND
LLECTED 12/22/70 0830  SIZE 3.50 L  SB
MMA              SPECTRUM
GLIGIBLE

ALIF - MEDO-BEL CREAMERY                95784   ND       ND       ND       ND
LLECTED 12/22/70 1000  SIZE 3.50 L  SB
MMA              SPECTRUM
GLIGIBLE

UNLESS OTHERWISE NOTED, RESULTS ARE
IN PICO-CURIES PER UNIT OF SIZE,
EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE COLORADO PRECIPITATION RESULTS

LOCATION                                LAB-NO.& 132TE   131I    133I    135I
                                        USE CODE PCI/L   PCI/L   PCI/L   PCI/

COLLBRAN COLO                             95351  ND      ND      ND      ND
    COLLECTED 12/21/70 0730  SIZE .400 L
    GAMMA               SPECTRUM
    NEGLIGIBLE

COLLBRAN COLO - ARTHUR LINN RANCH         95352  ND      ND      ND      ND
    COLLECTED 12/21/70 1040  SIZE .400 L
    GAMMA               SPECTRUM
    NEGLIGIBLE

DEBEQUE COLO                              95350  ND      ND      ND      ND
    COLLECTED 12/21/70 1240  SIZE .400 L
    GAMMA               SPECTRUM
    NEGLIGIBLE

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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RRY ACCUMULATIVE COLORADO PRECIPITATION RESULTS

ON                                    LAB-NO.& 132TE   131I    133I    135I
                                      USE CODE PCI/L   PCI/L   PCI/L   PCI/L

AN COLO                                95351   ND      ND      ND      ND
LLECTED 12/21/70 0730  SIZE .400 L
MMA              SPECTRUM
GLIGIBLE

AN COLO - ARTHUR LINN RANCH            95352   ND      ND      ND      ND
LLECTED 12/21/70 1040  SIZE .400 L
MMA              SPECTRUM
GLIGIBLE

E COLO                                 95350   ND      ND      ND      ND
LLECTED 12/21/70 1240  SIZE .400 L
MMA              SPECTRUM
GLIGIBLE

UNLESS OTHERWISE NOTED, RESULTS ARE
IN PICO-CURIES PER UNIT OF SIZE,
EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE IDAHO PRECIPITATION RESULTS

LOCATION	LAB-NO.& USE CODE	132TE PCI/L	131I PCI/L	133I PCI/L	135I PCI/L
BOISE IDA - IDAHO CREAMERIES COLLECTED 12/21/70 SIZE 3.50 L	95316	2.1E02	6.0E01	2.5E02	ND
BUHL IDA - SMITHS DAIRY PRODUCTS COLLECTED 12/21/70 1600 SIZE 3.50 L	95649 SB	7.2E02	1.7E02	ND	ND
BURLEY IDA STOKER'S JERSEY FARM COLLECTED 12/22/70 1100 SIZE 3.50 L	95703 SB	8.4E02	2.3E02	4.0E02	ND
IDAHO FALLS IDAHO COLLECTED 12/21/70 1730 SIZE 1.00 L	95875	1.1E03	2.5E02	ND	ND
JEROME IDA - IDA GEM DAIRYMEN COLLECTED 12/22/70 SIZE 3.50 L	95717 SB	3.8E02	1.1E02	9.4E02	ND
POCATELLO IDA 210 RANDOLPH ST COLLECTED 12/23/70 SIZE 3.50 L	96166	3.8E02	9.7E01	ND	ND

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
IN PICO-CURIES PER UNIT OF SIZE.
EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS

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BANEBERRY ACCUMULATIVE MINNESOTA PRECIPITATION RESULTS

LOCATION                                 LAB-NO.& 132TE   131I   133I   135
                                         USE CODE PCI/L   PCI/L  PCI/L  PCI/

INTERNATIONAL FALLS MINN                  95863   2.2E02  1.1E02 ND     ND
    COLLECTED 12/24/70 1200  SIZE .400 L

MINNEAPOLIS MINN AIRPORT                  95762   ND      ND     ND     ND
    COLLECTED 12/24/70 1600  SIZE .400 L
    GAMMA               SPECTRUM
    NEGLIGIBLE

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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RRY ACCUMULATIVE MINNESOTA PRECIPITATION RESULTS

ON                                      LAB-NO.& 132TE   131I    133I    135I
                                        USE CODE PCI/L   PCI/L   PCI/L   PCI/L

TIONAL FALLS MINN                        95863   2.2E02  1.1E02  ND      ND
LLECTED 12/24/70 1200  SIZE .400 L

POLIS MINN AIRPORT                       95762   ND      ND      ND      ND
LLECTED 12/24/70 1600  SIZE .400 L
MA                SPECTRUM
LIGIBLE

NLESS OTHERWISE NOTED. RESULTS ARE
IN PICO-CURIES PER UNIT OF SIZE.
EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
LT(X)=LESS THAN X. ND=NOT DETECTED. NA=NO ANALYSIS

                                   PAGE   72
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WANEBERRY ACCUMULATIVE MONTANA PRECIPITATION RESULTS

LOCATION                                  LAB-NO.& 132TE   131I    133I    135I
                                          USE CODE PCI/L   PCI/L   PCI/L   PCI/L

HELENA MONT COGSWELL BLDG                  96176   ND      ND      ND      ND
    COLLECTED 12/29/70       SIZE 3.50 L
    GAMMA               SPECTRUM
    NEGLIGIBLE

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA PRECIPITATION RESULTS

LOCATION                                    LAB-NO.& 132TE   131I    133I    13
                                            USE CODE PCI/L   PCI/L   PCI/L   PC

ALAMO NEV STEWART DAIRY                      93850   1.1E03  ND      2.3E03  ND
    COLLECTED 12/19/70 1105  SIZE .400 L
    103RU=1.3E02        3H=8.1E02

AUSTIN NEV 22 MI E ON HWY 50                 95063   3.4E04  6.1E03  4.6E04  ND
    COLLECTED 12/19/70 1335  SIZE .400 L
    103RU=2.4E03        140BA=9.8E02

AUSTIN NEV                                   95057   5.7E04  1.3E04  9.2E04  ND
    COLLECTED 12/19/70 1445  SIZE .400 L
    3H=9.5E03

AUSTIN NEV                                   95247   1.4E04  3.3E03  1.7E04  ND
    COLLECTED 12/20/70 1215  SIZE .400 L

AUSTIN NEV - YOUNG'S RANCH                   95744   5.0E02  3.7E02  ND      ND
    COLLECTED 12/24/70 0900  SIZE .400 L

AUSTIN NEV - YOUNG'S RANCH                   95914   1.1E02  1.0E02  ND      ND
    COLLECTED 12/27/70 1200  SIZE .400 L

AUSTIN NEV - TRIPLE T RANCH                  95743   2.8E04  1.1E04  1.4E04  ND
    COLLECTED 12/24/70 0925  SIZE .400 L

BAKER NEV 1/2 MI S HWY 73                    93911   1.1E03  4.5E02  1.0E04  6.
    COLLECTED 12/19/70 1048  SIZE 3.50 L
    3H=1.9E03

BLUE JAY HWY MAINT STATION NEV               93997   1.9E06  3.2E05  2.2E06  ND
    COLLECTED 12/19/70 1240  SIZE .400 L
    133XE=1.1E06        103RU=1.6E05
    239NP=4.6E06        99MO=2.9E05
    140BA=2.0E05        105RH=2.5E06
    3H=3.4E03           89SR=1.4E02
    90SR=LT1E01         239PU=3.2E00
    238PU=0.4E00

BLUE JAY HWY MAINT STATION NEV               95246   1.6E06  ND      1.1E06  ND
    COLLECTED 12/20/70 1330  SIZE .400 L

CLARK STATION NEV 7 MI E ON HWY 6            95015   7.9E05  1.2E05  9.2E05  ND
    COLLECTED 12/19/70 1127  SIZE .400 L
    103RU=5.4E04        140BA=3.6E04
    3H=4.8E03

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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CCUMULATIVE NEVADA PRECIPITATION RESULTS

                                  LAB-NO.& 132TE    131I     133I     135I
                                  USE CODE PCI/L    PCI/L    PCI/L    PCI/L

TEWART DAIRY                       93850    1.1E03   ND       2.3E03   ND
ED 12/19/70 1105  SIZE .400 L
.3E02          3H=8.1E02

22 MI E ON HWY 50                  95063    3.4E04   6.1E03   4.6E04   ND
ED 12/19/70 1335  SIZE .400 L
.4E03          140BA=9.8E02

                                   95057    5.7E04   1.3E04   9.2E04   ND
ED 12/19/70 1445  SIZE .400 L
03

                                   95247    1.4E04   3.3E03   1.7E04   ND
ED 12/20/70 1215  SIZE .400 L

- YOUNG'S RANCH                    95744    5.0E02   3.7E02   ND       ND
ED 12/24/70 0900  SIZE .400 L

- YOUNG'S RANCH                    95914    1.1E02   1.0E02   ND       ND
ED 12/27/70 1200  SIZE .400 L

- TRIPLE T RANCH                   95743    2.8E04   1.1E04   1.4E04   ND
ED 12/24/70 0925  SIZE .400 L

/2 MI S HWY 73                     93911    1.1E03   4.5E02   1.0E04   6.6E02
ED 12/19/70 1048  SIZE 3.50 L
3

 MAINT STATION NEV                 93997    1.9E06   3.2E05   2.2E06   ND
ED 12/19/70 1240  SIZE .400 L
1E06           103RU=1.6E05
6E06           99MO=2.9E05
0E05           105RH=2.5E06
3              89SR=1.4E02
E01            239PU=3.2E00
4E00

 MAINT STATION NEV                 95246    1.6E06   ND       1.1E06   ND
D 12/20/70 1330  SIZE .400 L

N NEV 7 MI E ON HWY 6              95015    7.9E05   1.2E05   9.2E05   ND
D 12/19/70 1127  SIZE .400 L
4E04           140BA=3.6E04
3

 OTHERWISE NOTED, RESULTS ARE
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LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA PRECIPITATION RESULTS

LOCATION                                      LAB-NO.& 132TE    131I     133I     135I
                                              USE CODE PCI/L    PCI/L    PCI/L    PCI/

CLARK STATION NEV STONE CABIN RANCH            93998   3.8E05   7.0E04   5.9E05   ND
    COLLECTED 12/19/70 1055  SIZE .400 L
    103RU=2.9E04         140BA=1.3E04
    3H=2.1E04            89SR=7.7E01
    90SR=LT1E01          239PU=0.6E00
    238PU=LT1E-01

CLARK STATION NEV STONE CABIN RANCH            95060   7.5E05   1.2E05   1.1E06   ND
    COLLECTED 12/19/70 1115  SIZE .400 L
    103RU=4.8E04         140BA=2.2E04
    3H=1.2E04

CLARK STATION NEV STONE CABIN RANCH            95243   1.2E05   ND       8.9E04   ND
    COLLECTED 12/20/70 1600  SIZE .400 L

COYOTE SUMMIT NEV KOYNES MILL                  93929   3.8E05   8.1E04   3.0E05   1.1E
    COLLECTED 12/19/70 1400  SIZE .400 L
    103RU=3.4E04         140BA=2.2E04
    3H=9.6E02

COYOTE SUMMIT NEV VALLEY RD T/O                93928   5.1E05   1.1E05   3.7E05   1.5E
    COLLECTED 12/19/70 1410  SIZE .400 L
    103RU=4.7E04         140BA=2.7E04
    3H=LT4E02            89SR=3.0E01
    90SR=LT1E01          239PU=0.6E+01
    238PU=2.0E00

COYOTE SUMMIT NEV                              93930   6.5E04   ND       5.2E04   ND
    COLLECTED 12/19/70 1430  SIZE .400 L

CURRANT NEV CURRANT SUMMIT HWY 6               93932   3.8E03   9.7E02   2.5E03   ND
    COLLECTED 12/19/70 0935  SIZE .400 L
    103RU=3.2E02         3H=4.5E02

CURRANT NEV 30 MI SW ON HWY 6                  95267   9.9E05   2.1E05   7.8E05   ND
    COLLECTED 12/20/70 1430  SIZE .400 L
    103RU=1.1E05         140BA=5.9E04
    3H=1.8E03            89SR=1.8E02
    90SR=LT1E01          239PU=3.3E00
    238PU=0.1E00

CURRANT NEV 10 MI SW ON HWY 6                  95248   4.0E04   8.5E03   3.1E04   ND
    COLLECTED 12/20/70 1530  SIZE .400 L

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      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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CUMULATIVE NEVADA PRECIPITATION RESULTS

                                 LAB-NO.& 132TE    131I     133I     135I
                                 USE CODE PCI/L    PCI/L    PCI/L    PCI/L

 NFV STONE CABIN RANCH            93998    3.8E05   7.0E04   5.9E05   ND
 12/19/70 1055  SIZE .400 L
E04          140BA=1.3E04
             89SR=7.7E01
01           239PU=0.6E00
E-01

 NFV STONE CABIN RANCH            95060    7.5E05   1.2E05   1.1E06   ND
 12/19/70 1115  SIZE .400 L
E04          140BA=2.2E04


 NFV STONE CABIN RANCH            95243    1.2E05   ND       8.9E04   ND
 12/20/70 1600  SIZE .400 L

 NFV KOYNES MILL                  93929    3.8E05   8.1E04   3.0E05   1.1E05
 12/19/70 1400  SIZE .400 L
E04          140BA=2.2E04


 NFV VALLEY RD T/O                93928    5.1E05   1.1E05   3.7E05   1.5E05
 12/19/70 1410  SIZE .400 L
E04          140BA=2.7E04
             89SR=3.0E01
01           239PU=0.6E+01
E00

 NFV                              93930    6.5E04   ND       5.2E04   ND
 12/19/70 1430  SIZE .400 L

URRANT SUMMIT HWY 6               93932    3.8E03   9.7E02   2.5E03   ND
 12/19/70 0935  SIZE .400 L
E02          3H=4.5E02

 MI SW ON HWY 6                   95267    9.9E05   2.1E05   7.8E05   ND
 12/20/70 1430  SIZE .400 L
E05          140BA=5.9E04
             89SR=1.8E02
1            239PU=3.3E00
00

 MI SW ON HWY 6                   95248    4.0E04   8.5E03   3.1E04   ND
 12/20/70 1530  SIZE .400 L

THERWISE NOTED, RESULTS ARE
CURIES PER UNIT OF SIZE.
 IS IN GRAMS PER UNIT OF SIZE.
SS THAN X. ND=NOT DETECTED. NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA PRECIPITATION RESULTS

LOCATION                                   LAB-NO.& 132TE    131I     133I     13
                                           USE CODE PCI/L    PCI/L    PCI/L    PC

CURRANT NEV - BLUE EAGLE RANCH              95224   2.4E03   3.7E03   1.7E03   ND
    COLLECTED 12/20/70 1200  SIZE 3.50 L
    103RU=1.9E03          140BA=1.2E03

DIABLO NEV W SIDE OF CEDAR PASS             95051   8.6E05   1.4E05   9.0E05   ND
    COLLECTED 12/19/70 1330  SIZE .400 L
    103RU=6.3E04          140BA=3.2E04
    3H=1.8E04

DUCKWATER NEV - HALSTEAD RANCH              95220   3.5E04   8.0E03   3.4E04   ND
    COLLECTED 12/20/70 1310  SIZE .400 L

EASTGATE NEV MIDDLEGATE RANCH               95062   7.8E03   1.4E03   8.8E03   ND
    COLLECTED 12/19/70 1330  SIZE .400 L
    103RU=5.0E02          3H=6.5E02

ELY NEV 16MI W ON HWY 50                    93986   3.8E03   3.4E02   3.7E03   ND
    COLLECTED 12/19/70 0925  SIZE 3.50 L
    103RU=1.0E02

ELY NEV 44 MI W ON HWY 50                   95066   1.4E04   2.2E03   2.2E04   ND
    COLLECTED 12/19/70 1000  SIZE .400 L
    103RU=1.0E03

ELY NEV 57 MI E ON HWY 6                    93933   6.5E03   1.5E03   4.5E03   ND
    COLLECTED 12/19/70 1030  SIZE .400 L
    103RU=7.1E02          3H=2.0E03

ELY NEV                                     95068   3.2E03   1.0E03   3.5E03   ND
    COLLECTED 12/20/70 1025  SIZE .400 L
    103RU=4.9E02

EUREKA NEV 24MI E ON HWY 50                 95067   1.1E05   1.5E04   1.3E05   ND
    COLLECTED 12/19/70 1045  SIZE .400 L
    103RU=7.7E03          140BA=4.1E03
    3H=6.9E02

EUREKA NEV 5MI E ON HWY 50 PINTO SMT        95042   4.5E04   4.9E03   4.1E04   ND
    COLLECTED 12/19/70 1145  SIZE 3.50 L
    103RU=1.5E03          140BA=7.0E02
    3H=1.5E03

EUREKA NEV - MARTIN RANCH                   95219   3.0E03   7.2E02   2.7E03   ND
    COLLECTED 12/20/70 1420  SIZE 3.50 L

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      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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Y ACCUMULATIVE NEVADA PRECIPITATION RESULTS

                                      LAB-NO.& 132TE    131I     133I     135I
                                      USE CODE PCI/L    PCI/L    PCI/L    PCI/L

NEV - BLUE EAGLE RANCH                 95224    2.4E03   3.7E03   1.7E03   ND
ECTED 12/20/70 1200  SIZE 3.50 L
U=1.9E03          140BA=1.2E03

EV W SIDE OF CEDAR PASS                95051    8.6E05   1.4E05   9.0E05   ND
ECTED 12/19/70 1330  SIZE .400 L
U=6.3E04          140BA=3.2E04
.8E04

R NEV - HALSTEAD RANCH                 95220    3.5E04   8.0E03   3.4E04   ND
ECTED 12/20/70 1310  SIZE .400 L

 NEV MIDDLEGATE RANCH                  95062    7.8E03   1.4E03   8.8E03   ND
ECTED 12/19/70 1330  SIZE .400 L
U=5.0E02          3H=6.5E02

16MI W ON HWY 50                       93986    3.8E03   3.4E02   3.7E03   ND
ECTED 12/19/70 0925  SIZE 3.50 L
U=1.0E02

44 MI W ON HWY 50                      95066    1.4E04   2.2E03   2.2E04   ND
ECTED 12/19/70 1000  SIZE .400 L
U=1.0E03

57 MI E ON HWY 6                       93933    6.5E03   1.5E03   4.5E03   ND
ECTED 12/19/70 1030  SIZE .400 L
U=7.1E02          3H=2.0E03

                                       95068    3.2E03   1.0E03   3.5E03   ND
ECTED 12/20/70 1025  SIZE .400 L
U=4.9E02

EV 24MI E ON HWY 50                    95067    1.1E05   1.5E04   1.3E05   ND
ECTED 12/19/70 1045  SIZE .400 L
U=7.7E03          140BA=4.1E03
.9E02

EV 5MI E ON HWY 50 PINTO SMT           95042    4.5E04   4.9E03   4.1E04   ND
ECTED 12/19/70 1145  SIZE 3.50 L
U=1.5E03          140BA=7.0E02
.5E03

EV - MARTIN RANCH                      95219    3.0E03   7.2E02   2.7E03   ND
ECTED 12/20/70 1420  SIZE 3.50 L

LESS OTHERWISE NOTED, RESULTS ARE
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BANEBERRY ACCUMULATIVE NEVADA PRECIPITATION RESULTS

LOCATION                                         LAB-NO.& 132TE    131I    133I    135I
                                                 USE CODE PCI/L    PCI/L   PCI/L   PCI/L

EUREKA NEV - MARTIN RANCH                         95742   7.2E03  2.6E03  5.0E03  ND
    COLLECTED 12/24/70 0715  SIZE .400 L

EUREKA NEV - MARTIN RANCH                         95912   3.7E03  2.0E03  ND      ND
    COLLECTED 12/27/70 1000  SIZE .400 L

GEYSER MAINTENANCE STATION                        95003   4.2E03  5.4E02  4.9E03  ND
    COLLECTED 12/19/70 1400  SIZE 3.50 L
    103RU=1.1E02

GOLDFIELD NEV                                     93849   9.5E03  3.7E03  1.6E04  1.9E03
    COLLECTED 12/19/70 0900  SIZE .400 L
    103RU=1.2E03          140BA=5.2E02
    3H=1.2E03

GOLDFIELD NEV 4MI S ON HWY 95                     95162   1.3E04  4.0E03  1.8E04  ND
    COLLECTED 12/20/70 1430  SIZE .400 L

HANCOCK SUMMIT NEV                                93927   6.0E03  1.2E03  6.8E03  ND
    COLLECTED 12/19/70 1335  SIZE .400 L
    103RU=4.4E02

HAWTHORNE NEV                                     95016   6.1E03  2.7E03  3.7E04  ND
    COLLECTED 12/19/70 1050  SIZE .400 L

LAS VEGAS NEV                                     95208   ND      ND      ND      ND
    COLLECTED 12/21/70 1600  SIZE .005 L
    NO                    GAMMA
    SCAN                  3H=LT4E02

LIDA NEV                                          95163   2.1E04  5.8E03  2.4E04  ND
    COLLECTED 12/20/70 1510  SIZE .200 L

LIDA JCT NEV                                      95165   1.2E04  3.3E03  1.3E04  ND
    COLLECTED 12/20/70 1530  SIZE .400 L

KYLE CANYON RANGER STATION BKG                    99465   ND      ND      ND      ND
    COLLECTED 03/23/71 0955  SIZE 3.50 L
    GAMMA                 SPECTRUM
    NEGLIGIBLE            3H=LT4E02
    238PU=LT1E-02         239PU=0.3E-01

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      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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ERRY ACCUMULATIVE NEVADA PRECIPITATION RESULTS

ION                                          LAB-NO.& 132TE    131I     133I     135I
                                             USE CODE PCI/L    PCI/L    PCI/L    PCI/L

A NEV - MARTIN RANCH                          95742    7.2E03   2.6E03   5.0E03   ND
OLLECTED 12/24/70 0715  SIZE .400 L

A NEV - MARTIN RANCH                          95912    3.7E03   2.0E03   ND       ND
OLLECTED 12/27/70 1000  SIZE .400 L

R MAINTENANCE STATION                         95003    4.2E03   5.4E02   4.9E03   ND
OLLECTED 12/19/70 1400  SIZE 3.50 L
03RU=1.1E02

IELD NEV                                      93849    9.5E03   3.7E03   1.6E04   1.9E03
OLLECTED 12/19/70 0900  SIZE .400 L
03RU=1.2E03          140BA=5.2E02
H=1.2E03

IELD NEV 4MI S ON HWY 95                      95162    1.3E04   4.0E03   1.8E04   ND
OLLECTED 12/20/70 1430  SIZE .400 L

CK SUMMIT NEV                                 93927    6.0E03   1.2E03   6.8E03   ND
LLECTED 12/19/70 1335  SIZE .400 L
3RU=4.4E02

RNE NEV                                       95016    6.1E03   2.7E03   3.7E04   ND
LLECTED 12/19/70 1050  SIZE .400 L

GAS NEV                                       95208    ND       ND       ND       ND
LLECTED 12/21/70 1600  SIZE .005 L
                     GAMMA
AN                   3H=LT4E02

EV                                            95163    2.1E04   5.8E03   2.4E04   ND
LLECTED 12/20/70 1510  SIZE .200 L

CT NEV                                        95165    1.2E04   3.3E03   1.3E04   ND
LLECTED 12/20/70 1530  SIZE .400 L

ANYON RANGER STATION BKG                      99465    ND       ND       ND       ND
LLECTED 03/23/71 0955  SIZE 3.50 L
MMA                  SPECTRUM
GLIGIBLE             3H=LT4E02
3PU=LT1E-02          239PU=0.3E-01

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LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA PRECIPITATION RESULTS

LOCATION                                  LAB-NO.& 132TE    131I     133I     13
                                          USE CODE PCI/L    PCI/L    PCI/L    PC

KYLE CANYON FIRE STATION BKG               99466   ND       ND       ND       ND
    COLLECTED 03/23/71 0945  SIZE 3.50 L
    GAMMA              SPECTRUM
    NEGLIGIBLE         3H=LT4E02
    BETA=2.1E01        ALPHA=LT2E00
    238PU=LT2E-02      239PU=1.0E-02

KYLE CANYON LODGE BKG                      99467   ND       ND       ND       ND
    COLLECTED 03/23/71 0925  SIZE 3.50 L
    GAMMA              SPECTRUM
    NEGLIGIBLE         3H=LT4E02
    BETA=4.0E01        ALPHA=LT2E00
    238PU=LT2E-02      239PU=0.3E-01

NTS AREA 51 BACK GATE BLDG 184             95738   1.4E03   4.3E02   6.6E02   ND
    COLLECTED 12/24/70 0950  SIZE 3.50 L

NTS AREA 51 SOFTBALL FIELD                 95741   1.5E03   4.2E02   7.4E02   ND
    COLLECTED 12/24/70 1030  SIZE 3.50 L

NYALA NEV - SHARP'S RANCH                  95222   5.1E04   1.1E04   4.7E04   ND
    COLLECTED 12/20/70 1100  SIZE .400 L

PANACA NEV 13 MI E ON HWY 25 PANACA S      95074   2.6E02   ND       1.3E02   ND
    COLLECTED 12/19/70 1157  SIZE 3.10 L

PIOCHE NEV                                 95047   1.8E03   5.1E02   2.6E03   ND
    COLLECTED 12/19/70 1220  SIZE .400 L
    103RU=2.4E02       3H=6.5E02

QUEEN CITY SUMMIT NEV 2 MI E ON HWY25      93931   9.9E05   2.0E05   5.4E05   4.2
    COLLECTED 12/19/70 1330  SIZE .400 L
    103RU=7.6E04       140BA=7.0E04
    3H=7.1E02          89SR=1.6E02
    90SR=LT1E01        239PU=5.6E00
    238PU=1.0E00

RENO NEVADA                                95648   1.3E02   3.0E01   ND       ND
    COLLECTED 12/21/70       SIZE 3.50 L

RENO NEV - ANDERSON DAIRY                  95889   1.0E03   2.4E02   6.0E03   ND
    COLLECTED 12/21/70 1500  SIZE 3.50 L  SB

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      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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CCUMULATIVE NEVADA PRECIPITATION RESULTS

                                  LAB-NO.& 132TE    131I     133I     135I
                                  USE CODE PCI/L    PCI/L    PCI/L    PCI/L

 FIRE STATION BKG                  99466   ND       ND       ND       ND
ED 03/23/71 0945  SIZE 3.50 L
               SPECTRUM
BLE            3H=LT4E02
1E01           ALPHA=LT2E00
T2E-02         239PU=1.0E-02

 LODGE BKG                         99467   ND       ND       ND       ND
ED 03/23/71 0925  SIZE 3.50 L
               SPECTRUM
BLE            3H=LT4E02
0E01           ALPHA=LT2E00
T2E-02         239PU=0.3E-01

 BACK GATE BLDG 184                95738   1.4E03   4.3E02   6.6E02   ND
ED 12/24/70 0950  SIZE 3.50 L

 SOFTBALL FIELD                    95741   1.5E03   4.2E02   7.4E02   ND
ED 12/24/70 1030  SIZE 3.50 L

 SHARP'S RANCH                     95222   5.1E04   1.1E04   4.7E04   ND
ED 12/20/70 1100  SIZE .400 L

 13 MI E ON HWY 25 PANACA S        95074   2.6E02   ND       1.3E02   ND
ED 12/19/70 1157  SIZE 3.10 L

                                   95047   1.8E03   5.1E02   2.6E03   ND
ED 12/19/70 1220  SIZE .400 L
.4E02          3H=6.5E02

SUMMIT NEV 2 MI E ON HWY25         93931   9.9E05   2.0E05   5.4E05   4.2E05
ED 12/19/70 1330  SIZE .400 L
.6E04          140BA=7.0E04
02             89SR=1.6E02
1E01           239PU=5.6E00
.0E00

                                   95648   1.3E02   3.0E01   ND       ND
ED 12/21/70           SIZE 3.50 L

ANDERSON DAIRY                     95889   1.0E03   2.4E02   6.0E03   ND
ED 12/21/70 1500  SIZE 3.50 L  SB

S OTHERWISE NOTED. RESULTS ARE
CO-CURIES PER UNIT OF SIZE.
T K IS IN GRAMS PER UNIT OF SIZE.
=LESS THAN X. ND=NOT DETECTED. NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA PRECIPITATION RESULTS

LOCATION                                  LAB-NO.& 132TE   131I    133I    135I
                                          USE CODE PCI/L   PCI/L   PCI/L   PCI/L

RENO NEV - MODEL DAIRY                     95888   1.7E03  4.7E02  ND      ND
    COLLECTED 12/21/70 1300  SIZE 3.50 L  SB

ROUND MT NEV - MOBIL SERVICE STATION       95064   9.7E04  1.9E04  1.7E05  ND
    COLLECTED 12/19/70 1620  SIZE .400 L

ROUND MT NEV - KARL BERG RANCH             95223   5.4E04  1.3E04  6.9E04  ND
    COLLECTED 12/20/70 1030  SIZE .400 L

ROUND MT NEV - KARL BERG RANCH             95740   1.1E04  4.2E03  7.9E03  ND
    COLLECTED 12/24/70 1110  SIZE .400 L

ROUND MT NEV - KARL BERG RANCH             95913   2.4E03  1.5E03  ND      ND
    COLLECTED 12/27/70 1400  SIZE .400 L

SCOTTYS JCT NEV WILLIAMS RNCH              93842   2.8E04  1.3E04  5.6E04  7.6E0
    COLLECTED 12/19/70 1130  SIZE .400 L
    103RU=3.3E03          140BA=1.2E03

TONOPAH NEV TTR MAIN GATE                  93848   1.3E06  2.4E05  1.8E06  1.1E0
    COLLECTED 12/18/70 2100  SIZE .400 L
    103RU=9.2E04          140BA=5.2E04
    3H=8.3E03

TONOPAH NEV                                93847   7.5E04  1.2E04  1.1E05  2.0E0
    COLLECTED 12/19/70 0740  SIZE .400 L
    103RU=4.1E03          140BA=1.5E03
    3H=3.4E03

TONOPAH NEV 5MI S JCT HWY 6 TTR T/O        95058   8.6E05  1.5E05  1.4E06  ND
    COLLECTED 12/19/70 1010  SIZE .400 L

TONOPAH NEV 10 MI S JCT HWY 6 TTR T/O      95056   7.4E05  1.6E05  1.2E06  ND
    COLLECTED 12/19/70 1020  SIZE .400 L
    103RU=4.3E04          140BA=2.2E04
    3H=1.3E04             89SR=7.9E01
    90SR=LT1E01           239PU=1.0E00
    238PU=LT2E-02

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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RRY ACCUMULATIVE NEVADA PRECIPITATION RESULTS

ON                                    LAB-NO.& 132TE    131I     133I     135I
                                      USE CODE PCI/L    PCI/L    PCI/L    PCI/L

EV - MODEL DAIRY                       95888   1.7E03   4.7E02   ND       ND
LLECTED 12/21/70 1300  SIZE 3.50 L  SB

IT NEV - MOBIL SERVICE STATION         95064   9.7E04   1.9E04   1.7E05   ND
LLECTED 12/19/70 1620  SIZE .400 L

IT NEV - KARL BERG RANCH               95223   5.4E04   1.3E04   6.9E04   ND
LLECTED 12/20/70 1030  SIZE .400 L

IT NEV - KARL BERG RANCH               95740   1.1E04   4.2E03   7.9E03   ND
LLECTED 12/24/70 1110  SIZE .400 L

IT NEV - KARL BERG RANCH               95913   2.4E03   1.5E03   ND       ND
LLECTED 12/27/70 1400  SIZE .400 L

S JCT NEV WILLIAMS RNCH                93842   2.8E04   1.3E04   5.6E04   7.6E03
LLECTED 12/19/70 1130  SIZE .400 L
RU=3.3E03        140BA=1.2E03

 NEV TTR MAIN GATE                     93848   1.3E06   2.4E05   1.8E06   1.1E06
LLECTED 12/18/70 2100  SIZE .400 L
RU=9.2E04        140BA=5.2E04
8.3E03

 NEV                                   93847   7.5E04   1.2E04   1.1E05   2.0E04
LLECTED 12/19/70 0740  SIZE .400 L
RU=4.1E03        140BA=1.5E03
3.4E03

 NEV 5MI S JCT HWY 6 TTR T/O           95058   8.6E05   1.5E05   1.4E06   ND
LECTED 12/19/70 1010  SIZE .400 L

 NEV 10 MI S JCT HWY 6 TTR T/O         95056   7.4E05   1.6E05   1.2E06   ND
LECTED 12/19/70 1020  SIZE .400 L
RU=4.3E04        140BA=2.2E04
1.3E04           89SR=7.9E01
R=LT1E01         239PU=1.0E00
PU=LT2E-02

NLESS OTHERWISE NOTED, RESULTS ARE
N PICO-CURIES PER UNIT OF SIZE,
XCEPT K IS IN GRAMS PER UNIT OF SIZE.
T(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA PRECIPITATION RESULTS

LOCATION                                   LAB-NO.& 132TE    131I     133I     135I
                                           USE CODE PCI/L    PCI/L    PCI/L    PCI/L

TONOPAH NEV 15 MI S ON TTR ACCESS RD        95065   1.5E06   2.2E05   1.9E06   ND
    COLLECTED 12/19/70 1033  SIZE .400 L
    103RU=8.1E04         140BA=5.2E04
    3H=5.8E03            89SR=1.1E02
    90SR=LT1E01          239PU=2.6E00
    238PU=0.4E00

TONOPAH NEV TTR MAIN GATE                   95046   7.5E05   1.2E05   1.1E06   ND
    COLLECTED 12/19/70 1050  SIZE .400 L
    103RU=5.0E04         140BA=2.9E04

TONOPAH NEV TTR CP                          95061   1.9E05   4.0E04   2.9E05   ND
    COLLECTED 12/19/70 1140  SIZE .400 L

TONOPAH NEV 5 MI S TTR CP                   95041   3.2E05   5.5E04   4.7E05   ND
    COLLECTED 12/19/70 1155  SIZE .400 L

TONOPAH NEV 10MI SE OF TTR CP               95069   8.3E05   1.3E05   1.0E06   ND
    COLLECTED 12/19/70 1215  SIZE .400 L
    103RU=6.3E04         140BA=3.0E04

TONOPAH NEV 15 MI SE OF TTR CP              95059   1.1E06   1.6E05   1.2E06   ND
    COLLECTED 12/19/70 1235  SIZE .400 L
    103RU=7.8E04         140BA=4.2E04

TONOPAH NEV JCT HWY 6/95                    95107   1.1E04   3.2E03   1.8E04   ND
    COLLECTED 12/20/70 0945  SIZE .400 L

TONOPAH NEV 10 MI S ON TTR ACCESS RD        95266   9.2E05   1.9E05   9.2E05   ND
    COLLECTED 12/20/70 1010  SIZE .400 L

TONOPAH NEV 5 MI E TTR T/O ON HWY 6         95265   6.2E04   1.7E04   9.0E04   ND
    COLLECTED 12/20/70 1130  SIZE .400 L

TONOPAH NEV 60 MI W ON US 6                 95129   4.9E03   1.6E03   8.4E03   ND
    COLLECTED 12/20/70 1140  SIZE .400 L

TONOPAH NEV STONE CABIN T/O HWY 6           95245   1.8E05   3.9E04   1.5E05   ND
    COLLECTED 12/20/70 1200  SIZE .400 L

TONOPAH NEV 90 MI W ON US 6                 95130   ND       ND       ND       ND
    COLLECTED 12/20/70 1227  SIZE .400 L
    GAMMA                SPECTRUM
    NEGLIGIBLE

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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ACCUMULATIVE NEVADA PRECIPITATION RESULTS

                                 LAB-NO.& 132TE    131I     133I     135I
                                 USE CODE PCI/L    PCI/L    PCI/L    PCI/L

V 15 MI S ON TTR ACCESS RD        95065   1.5E06   2.2E05   1.9E06   ND
TED 12/19/70 1033  SIZE .400 L
B.1E04         140BA=5.2E04
E03            89SR=1.1E02
T1E01          239PU=2.6E00
D.4E00

V TTR MAIN GATE                   95046   7.5E05   1.2E05   1.1E06   ND
TED 12/19/70 1050  SIZE .400 L
5.0E04         140BA=2.9E04

V TTR CP                          95061   1.9E05   4.0E04   2.9E05   ND
TED 12/19/70 1140  SIZE .400 L

V 5 MI S TTR CP                   95041   3.2E05   5.5E04   4.7E05   ND
TED 12/19/70 1155  SIZE .400 L

V 10MI SE OF TTR CP               95069   8.3E05   1.3E05   1.0E06   ND
TED 12/19/70 1215  SIZE .400 L
.3E04          140BA=3.0E04

V 15 MI SE OF TTR CP              95059   1.1E06   1.6E05   1.2E06   ND
ED 12/19/70 1235  SIZE .400 L
.8E04          140BA=4.2E04

 JCT HWY 6/95                     95107   1.1E04   3.2E03   1.8E04   ND
ED 12/20/70 0945  SIZE .400 L

 10 MI S ON TTR ACCESS RD         95266   9.2E05   1.9E05   9.2E05   ND
ED 12/20/70 1010  SIZE .400 L

 5 MI E TTR T/O ON HWY 6          95265   6.2E04   1.7E04   9.0E04   ND
ED 12/20/70 1130  SIZE .400 L

 60 MI W ON US 6                  95129   4.9E03   1.6E03   8.4E03   ND
ED 12/20/70 1140  SIZE .400 L

 STONE CABIN T/O HWY 6            95245   1.8E05   3.9E04   1.5E05   ND
D 12/20/70 1200  SIZE .400 L

 90 MI W ON US 6                  95130   ND       ND       ND       ND
D 12/20/70 1227  SIZE .400 L
           SPECTRUM
LE

 OTHERWISE NOTED, RESULTS ARE
O-CURIES PER UNIT OF SIZE,
 K IS IN GRAMS PER UNIT OF SIZE.
LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA PRECIPITATION RESULTS

LOCATION
                                                      LAB-NO.& 132TE    131I     133I     1
                                                      USE CODE PCI/L    PCI/L    PCI/L    P
TONOPAH NEV
    COLLECTED 12/20/70 1310  SIZE .400 L 95164    7.9E03   3.6E03   8.9E03   N
    103RU=1.1E03          140BA=4.3E02

TONOPAH NEV 15 MI S ON HWY 95
    COLLECTED 12/20/70 1345  SIZE .400 L 95221    7.0E03   2.0E03   1.0E04   ND

WARM SPRINGS NEV
    COLLECTED 12/19/70 1155  SIZE .400 L 95014    1.2E05   2.2E04   1.8E05   ND

WARM SPRINGS NEV
    COLLECTED 12/20/70 1240  SIZE .400 L 95244    1.6E05   3.4E04   1.5E05   ND
    103RU=1.,E04          140BA=7.2E03
    3H=4.5E03             89SR=1.1E02
    90SR=LT1E01           239PU=0.9E00
    238PU=LT2E-01

WARM SPRINGS NEV - TWIN SPRINGS RCH
    COLLECTED 12/19/70 1130  SIZE .400 L 93934    1.0E06   1.6E05   6.8E05   4.
    103RU=6.4E04          140BA=4.6E04
    3H=1.8E03             89SR=7.5E01
    90SR=LT1E01           239PU=5.0E00
    238PU=0.4E00

YERINGTON NEV - VALLEY DAIRY
    COLLECTED 12/23/70        SIZE 3.50 L  95839    4.3E02   1.3E02   3.0E02   ND
                                            SB

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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ACCUMULATIVE NEVADA PRECIPITATION RESULTS

                                LAB-NO.& 132TE    131I     133I     135I
                                USE CODE PCI/L    PCI/L    PCI/L    PCI/L

ED 12/20/70 1310  SIZE .400 L   95164    7.9E03   3.6E03   8.9E03   ND
.1E03          140BA=4.3E02

 15 MI S ON HWY 95
ED 12/20/70 1345  SIZE .400 L   95221    7.0E03   2.0E03   1.0E04   ND

S NEV
ED 12/19/70 1155  SIZE .400 L   95014    1.2E05   2.2E04   1.8E05   ND

S NEV
ED 12/20/70 1240  SIZE .400 L   95244    1.6E05   3.4E04   1.5E05   ND
.7E04          140BA=7.2E03
03             89SR=1.1E02
1E01           239PU=0.9E00
2E-01

 NEV - TWIN SPRINGS RCH         93934    1.0E06   1.6E05   6.8E05   4.5E05
D 12/19/70 1130  SIZE .400 L
4E04           140BA=4.6E04
3              89SR=7.5E01
E01            239PU=5.0E00
4E00

V - VALLEY DAIRY
D 12/23/70         SIZE 3.50 L  95839    4.3E02   1.3E02   3.0E02   ND
                                 SB

 OTHERWISE NOTED, RESULTS ARE
O-CURIES PER UNIT OF SIZE,
 K IS IN GRAMS PER UNIT OF SIZE.
LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NORTH DAKOTA PRECIPITATION RESULTS

LOCATION
                                            LAB-NO.& 132TE   131I    133I    13
                                            USE CODE PCI/L   PCI/L   PCI/L   PC

GRAND FORKS N D AIRPORT                      95764   3.7E02  2.7E02  3.1E02  ND
    COLLECTED 12/24/70 1820  SIZE .400 L

MINOT NORTH DAKOTA                           95761   6.8E02  4.0E02  5.6E02  ND
    COLLECTED 12/24/70 1000  SIZE .400 L

WILLISTON N D AIRPORT                        95763   2.6E02  1.5E02  ND      ND
    COLLECTED 12/24/70 1145  SIZE .400 L

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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CCUMULATIVE NORTH DAKOTA PRECIPITATION RESULTS

                                LAB-NO.& 132TE    131I     133I     135I
                                USE CODE PCI/L    PCI/L    PCI/L    PCI/L

 N D AIRPORT                     95764   3.7E02  2.7E02  3.1E02  ND
ED 12/24/70 1820   SIZE .400 L

 DAKOTA                          95761   6.8E02  4.0E02  5.6E02  ND
ED 12/24/70 1000   SIZE .400 L

 D AIRPORT                       95763   2.6E02  1.5E02  ND      ND
ED 12/24/70 1145   SIZE .400 L

S OTHERWISE NOTED, RESULTS ARE
CO-CURIES PER UNIT OF SIZE,
T K IS IN GRAMS PER UNIT OF SIZE.
=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE SOUTH DAKOTA PRECIPITATION RESULTS

LOCATION                                   LAB-NO.& 132TE   131I    133I
                                           USE CODE PCI/L   PCI/L   PCI/L

RAPID CITY SD AIRPORT                       95760   ND      ND      ND
    COLLECTED 12/24/70 1215  SIZE .400 L
    GAMMA               SPECTRUM
    NEGLIGIBLE

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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CCUMULATIVE SOUTH DAKOTA PRECIPITATION RESULTS

                                LAB-NO.& 132TE   131I    133I    135I
                                USE CODE PCI/L   PCI/L   PCI/L   PCI/L

 SD AIRPORT                       95760  ND      ND      ND      ND
ED 12/24/70 1215  SIZE .400 L
             SPECTRUM
BLE

S OTHERWISE NOTED, RESULTS ARE
CO-CURIES PER UNIT OF SIZE,
T K IS IN GRAMS PER UNIT OF SIZE.
=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE UTAH PRECIPITATION RESULTS

LOCATION                                    LAB-NO.& 132TE    131I    133I    135I
                                            USE CODE PCI/L    PCI/L   PCI/L   PCI/

BEAVER UTAH 10 MI N ON HWY 15                95101   ND       ND      ND      ND
    COLLECTED 12/20/70 1715  SIZE .400 L
    GAMMA              SPECTRUM
    NEGLIGIBLE

DELTA UTAH J CLAYTON DAIRY                   95102   ND       ND      ND      ND
    COLLECTED 12/20/70 1010  SIZE 3.50 L
    GAMMA              SPECTRUM
    NEGLIGIBLE

GARRISON UTAH                                93912   5.1E03   1.1E03  7.6E03  ND
    COLLECTED 12/19/70 1120  SIZE .400 L
    103RU=2.7E02       3H=7.1E02

JERICO UTAH US 6-50 JERICO T/O               95111   ND       ND      ND      ND
    COLLECTED 12/20/70 1400  SIZE .400 L
    GAMMA              SPECTRUM
    NEGLIGIBLE

MILFORD UTAH BILL POWELL DAIRY               95302   3.9E02   5.8E01  2.5E02  ND
    COLLECTED 12/20/70 1500  SIZE 3.50 L  0562

NEWCASTLE UTAH                               95300   ND       ND      ND      ND
    COLLECTED 12/21/70       SIZE .400 L
    GAMMA              SPECTRUM
    NEGLIGIBLE

OGDEN UTAH                                   95105   7.6E02   ND      6.6E02  ND
    COLLECTED 12/20/70 1120  SIZE .400 L

PROVO UTAH                                   95112   ND       ND      ND      ND
    COLLECTED 12/20/70 1245  SIZE 3.50 L
    GAMMA              SPECTRUM
    NEGLIGIBLE

ST GEORGE UTAH BLACK RIDGE                   95303   ND       ND      ND      ND
    COLLECTED 12/21/70       SIZE .400 L
    GAMMA              SPECTRUM
    NEGLIGIBLE

SALT LAKE CITY UTAH                          95109   ND       ND      ND      ND
    COLLECTED 12/20/70 1115  SIZE .400 L
    GAMMA              SPECTRUM
    NEGLIGIBLE

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
     IN PICO-CURIES PER UNIT OF SIZE,
     EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
     LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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RY ACCUMULATIVE UTAH PRECIFITATION RESULTS

ON                                       LAB-NO.& 132TE    131I     133I     135I
                                         USE CODE PCI/L    PCI/L    PCI/L    PCI/L

 UTAH 10 MI N ON HWY 15                   95101   ND       ND       ND       ND
LECTED 12/20/70 1715  SIZE .400 L
MA               SPECTRUM
LIGIBLE

UTAH J CLAYTON DAIRY                      95102   ND       ND       ND       ND
LECTED 12/20/70 1010  SIZE 3.50 L
MA               SPECTRUM
LIGIBLE

N UTAH                                    93912   5.1E03   1.1E03   7.6E03   ND
LECTED 12/19/70 1120  SIZE .400 L
RU=2.7E02           3H=7.1E02

 UTAH US 6-50 JERICO T/O                  95111   ND       ND       ND       ND
LECTED 12/20/70 1400  SIZE .400 L
MA               SPECTRUM
LIGIBLE

 UTAH BILL POWELL DAIRY                   95302   3.9E02   5.8E01   2.5E02   ND
LECTED 12/20/70 1500  SIZE 3.50 L  0562

LE UTAH                                   95300   ND       ND       ND       ND
LECTED 12/21/70       SIZE .400 L
MA               SPECTRUM
LIGIBLE

TAH                                       95105   7.6E02   ND       6.6E02   ND
LECTED 12/20/70 1120  SIZE .400 L

TAH                                       95112   ND       ND       ND       ND
LECTED 12/20/70 1245  SIZE 3.50 L
A                SPECTRUM
LIGIBLE

GE UTAH BLACK RIDGE                       95303   ND       ND       ND       ND
LECTED 12/21/70       SIZE .400 L
A                SPECTRUM
LIGIBLE

E CITY UTAH                               95109   ND       ND       ND       ND
LECTED 12/20/70 1115  SIZE .400 L
A                SPECTRUM
LIGIBLE

LESS OTHERWISE NOTED, RESULTS ARE
 PICO-CURIES PER UNIT OF SIZE,
CEPT K IS IN GRAMS PER UNIT OF SIZE.
(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE WYOMING PRECIPITATION RESULTS

LOCATION
                                           LAB-NO.& 132TE    131I     133I     13
                                           USE CODE PCI/L    PCI/L    PCI/L    PC
CASPER WYO - MEADOW GOLD DAIRIES             95684   ND       ND       ND       ND
    COLLECTED 12/21/70 1630  SIZE 3.50 L  SB
    GAMMA               SPECTRUM
    NEGLIGIBLE

CHEYENNE WYO - DAIRY GOLD FOODS              95716   ND       ND       ND       ND
    COLLECTED 12/21/70 1430  SIZE 3.50 L  SB
    GAMMA               SPECTRUM
    NEGLIGIBLE

LARAMIE WYOMING
    COLLECTED 12/24/70       SIZE 3.50 L 96071   ND       ND       ND       ND
    GAMMA               SPECTRUM
    NEGLIGIBLE

POWELL WYO - CREAM OF THE VALLEY DAIRY       95650   1.9E03   4.9E02   7.7E02   ND
    COLLECTED 12/21/70 1500  SIZE 3.50 L  SB

POWELL WYO - CREAM OF THE VALLEY DAIRY       95719   3.4E02   1.0E02   ND       ND
    COLLECTED 12/21/70 1800  SIZE 3.50 L  SB

RAWLINS WYO
    COLLECTED 12/30/70       SIZE 3.50 L 96278   ND       ND       ND       ND
    GAMMA               SPECTRUM
    NEGLIGIBLE

RIVERTON WYO - MORNING STAR DAIRY            95702   2.6E02   4.0E01   ND       ND
    COLLECTED 12/21/70 1430  SIZE 3.50 L  SB

SHERIDAN WYO - JERSEY CREAMERY               95718   ND       ND       ND       ND
    COLLECTED 12/21/70       SIZE 3.50 L  SB
    GAMMA               SPECTRUM
    NEGLIGIBLE

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE.
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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EBERRY ACCUMULATIVE WYOMING PRECIPITATION RESULTS

ATION                                        LAB-NO.& 132TE    131I     133I     135I
                                             USE CODE PCI/L    PCI/L    PCI/L    PCI/L

PER WYO - MEADOW GOLD DAIRIES                 95684   ND       ND       ND       ND
 COLLECTED 12/21/70 1630   SIZE 3.50 L  SB
 GAMMA               SPECTRUM
 NEGLIGIBLE

YENNE WYO - DAIRY GOLD FOODS                  95716   ND       ND       ND       ND
 COLLECTED 12/21/70 14[illegible]0   SIZE 3.50 L  SB
 GAMMA               SPECTRUM
 NEGLIGIBLE

AMIE WYOMING                                  96071   ND       ND       ND       ND
 COLLECTED 12/24/70        SIZE 3.50 L
 GAMMA               SPECTRUM
 NEGLIGIBLE

LL WYO - CREAM OF THE VALLEY DAIRY  95650     1.9E03   4.9E02   7.7E02   ND
 COLLECTED 12/21/70 1500   SIZE 3.50 L  SB

LL WYO - CREAM OF THE VALLEY DAIRY  95719     3.4E02   1.0E02   ND       ND
 COLLECTED 12/21/70 1800   SIZE 3.50 L  SB

INS WYO                                       96278   ND       ND       ND       ND
COLLECTED 12/30/70         SIZE 3.50 L
GAMMA                SPECTRUM
NEGLIGIBLE

RTON WYO - MORNING STAR DAIRY                 95702   2.6E02   4.0E01   ND       ND
COLLECTED 12/21/70 1[illegible]30   SIZE 3.50 L  SB

IDAN WYO - JERSEY CREAMERY                    95718   ND       ND       ND       ND
COLLECTED 12/21/70         SIZE 3.50 L  SB
GAMMA                SPECTRUM
NEGLIGIBLE

*--UNLESS OTHERWISE NOTED, RESULTS ARE
  IN PICO-CURIES PER UNIT OF SIZE.
  EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
  LT(X)=LESS THAN X. ND=NOT DETECTED. NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE ARKANSAS AIR RESULTS

LOCATION                                       LAB-NO.& 131I     132TE    133I     135
                                               USE CODE PCI/M3   PCI/M3   PCI/M3   PCI

LITTLE ROCK ARK                                 96288   0.2E00   ND       ND       ND
091    ON-TIME 12/24/70 0830    CC
     OFF-TIME 12/28/70 0830  SIZE 1382 M3

LITTLE ROCK ARK                                 96287   0.2E00   0.2E00   ND       ND
091    ON-TIME 12/24/70 0830    PF
     OFF-TIME 12/28/70 0830  SIZE 1382 M3
    103RU=0.7E-01

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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 ACCUMULATIVE ARKANSAS AIR RESULTS

                                LAB-NO.& 131I    132TE    133I     135I
                                USE CODE PCI/M3  PCI/M3   PCI/M3   PCI/M3

CK ARK                           96288   0.2E00  ND       ND       ND
TIME 12/24/70 0830     CC
TIME 12/28/70 0830  SIZE 1382 M3

CK ARK                           96287   0.2E00  0.2E00   ND       ND
TIME 12/24/70 0830     PF
TIME 12/28/70 0830  SIZE 1382 M3
=0.7E-01

ESS OTHERWISE NOTED, RESULTS ARE
PICO-CURIES PER UNIT OF SIZE,
EPT K IS IN GRAMS PER UNIT OF SIZE.
X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE CALIFORNIA AIR RESULTS

LOCATION                                        LAB-NO.& 131I    132TE   133I    13
                                                USE CODE PCI/M3  PCI/M3  PCI/M3  PC

BARSTOW CALIF                                    96743    ND      ND      ND      ND
054   ON-TIME 01/10/71 0700    PF
     OFF-TIME 01/11/71 0700  SIZE  357 M3
    GAMMA                  SPECTRUM
    NEGLIGIBLE

BISHOP CALIF                                     95132   0.2E00  ND     2.7E00   ND
106   ON-TIME 12/18/70 1800    CC
     OFF-TIME 12/19/70 1700  SIZE  311 M3


BISHOP CALIF                                     95131   0.2E00  0.3E00 0.9E00   ND
106   ON-TIME 12/18/70 1800    PF
     OFF-TIME 12/19/70 1700  SIZE  311 M3

DEATH VALLEY JCT CALIF                           95146    ND      ND      ND      ND
005   ON-TIME 12/18/70 0715    CC
     OFF-TIME 12/19/70 0800  SIZE  336 M3
    GAMMA                  SPECTRUM
    NEGLIGIBLE

DEATH VALLEY JCT CALIF                           95828    ND      ND      ND      ND
005   ON-TIME 12/19/70 0800    CC
     OFF-TIME 12/20/70 1430  SIZE  417 M3
    GAMMA                  SPECTRUM
    NEGLIGIBLE

DEATH VALLEY JCT CALIF                           95765   0.2E00  0.7E00  ND      ND
005   ON-TIME 12/19/70 0800    PF
     OFF-TIME 12/20/70 1430  SIZE  417 M3

DEATH VALLEY JCT CALIF                           96734    ND      ND      ND      ND
005   ON-TIME 01/10/71 1930    PF
     OFF-TIME 01/11/71 0730  SIZE  156 M3
    GAMMA                  SPECTRUM
    NEGLIGIBLE

FURNACE CREEK CALIF                              95140    ND      ND      ND      ND
010   ON-TIME 12/18/70 1830    CC
     OFF-TIME 12/19/70 0800  SIZE  181 M3
    GAMMA                  SPECTRUM
    NEGLIGIBLE

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BERRY ACCUMULATIVE CALIFORNIA AIR RESULTS

TION                                              LAB-NO.& 131I    132TE   133I    135I
                                                  USE CODE PCI/M3  PCI/M3  PCI/M3  PCI/M3

TOW CALIF                                          96743   ND      ND      ND      ND
   ON-TIME 01/10/71 0700     PF
  OFF-TIME 01/11/71 0700  SIZE  357 M3
GAMMA                  SPECTRUM
NEGLIGIBLE

OP CALIF                                           95132   0.2E00  ND      2.7E00  ND
   ON-TIME 12/18/70 1800     CC
  OFF-TIME 12/19/70 1700  SIZE  311 M3


OP CALIF                                           95131   0.2E00  0.3E00  0.9E00  ND
   ON-TIME 12/18/70 1800     PF
  OFF-TIME 12/19/70 1700  SIZE  311 M3

H VALLEY JCT CALIF                                 95146   ND      ND      ND      ND
   ON-TIME 12/18/70 0715     CC
  OFF-TIME 12/19/70 0800  SIZE  336 M3
GAMMA                  SPECTRUM
NEGLIGIBLE

H VALLEY JCT CALIF                                 95828   ND      ND      ND      ND
   ON-TIME 12/19/70 0800     CC
  OFF-TIME 12/20/70 1430  SIZE  417 M3
GAMMA                  SPECTRUM
NEGLIGIBLE

H VALLEY JCT CALIF                                 95765   0.2E00  0.7E00  ND      ND
   ON-TIME 12/19/70 0800     PF
  OFF-TIME 12/20/70 1430  SIZE  417 M3

H VALLEY JCT CALIF                                 96734   ND      ND      ND      ND
   ON-TIME 01/10/71 1930     PF
  OFF-TIME 01/11/71 0730  SIZE  156 M3
GAMMA                  SPECTRUM
NEGLIGIBLE

ACE CREEK CALIF                                    95140   ND      ND      ND      ND
   ON-TIME 12/18/70 1830     CC
  OFF-TIME 12/19/70 0800  SIZE  181 M3
GAMMA                  SPECTRUM
NEGLIGIBLE

--UNLESS OTHERWISE NOTED, RESULTS ARE
  IN PICO-CURIES PER UNIT OF SIZE,
  EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
  LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE CALIFORNIA AIR RESULTS

LOCATION                                      LAB-NO.& 131I     132TE    133I     135I
                                              USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/M

FURNACE CREEK CALIF                            95825   1.4E00   ND       1.6E01   ND
010   ON-TIME 12/19/70 0800    CC
     OFF-TIME 12/20/70 1600  SIZE  438 M3

FURNACE CREEK CALIF                            95775   0.8E00   1.5E00   9.4E00   ND
010   ON-TIME 12/19/70 0800    PF
     OFF-TIME 12/20/70 1600  SIZE  438 M3

FURNACE CREEK CALIF                            95814   0.3E00   ND       ND       ND
010   ON-TIME 12/20/70 1600    CC
     OFF-TIME 12/21/70 0700  SIZE  438 M3

FURNACE CREEK CALIF                            95776   0.3E00   0.8E00   ND       ND
010   ON-TIME 12/20/70 1600    PF
     OFF-TIME 12/21/70 0700  SIZE  205 M3

NEEDLES CALIF                                  96742   ND       ND       ND       ND
052   ON-TIME 01/10/71 0844    PF
     OFF-TIME 01/11/71 1246  SIZE  403 M3
    GAMMA                SPECTRUM
    NEGLIGIBLE

SHOSHONE CALIF                                 96740   ND       ND       ND       ND
020   ON-TIME 01/10/71 0912    PF
     OFF-TIME 01/11/71 0903  SIZE  343 M3
    GAMMA                SPECTRUM
    NEGLIGIBLE

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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RRY ACCUMULATIVE CALIFORNIA AIR RESULTS

ON                                        LAB-NO.& 131I     132TE    133I     13[illegible]
                                          USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/M3

E CREEK CALIF                               95825   1.4E00   ND       1.6E01   ND
ON-TIME 12/19/70 0800      CC
FF-TIME 12/20/70 1600  SIZE   438 M3

E CREEK CALIF                               95775   0.8E00   1.5E00   9.4E00   ND
ON-TIME 12/19/70 0800      PF
FF-TIME 12/20/70 1600  SIZE   438 M3

E CREEK CALIF                               95814   0.3E00   ND       ND       ND
ON-TIME 12/20/70 1600      CC
FF-TIME 12/21/70 0700  SIZE   438 M3

E CREEK CALIF                               95776   0.3E00   0.8E00   ND       ND
ON-TIME 12/20/70 1600      PF
FF-TIME 12/21/70 C700  SIZE   205 M3

S CALIF                                     96742   ND       ND       ND       ND
ON-TIME 01/10/71 0844      PF
FF-TIME 01/11/71 1246  SIZE   403 M3
MA                 SPECTRUM
LIGIBLE

E CALIF                                     96740   ND       ND       ND       ND
ON-TIME 01/10/71 0912      PF
FF-TIME 01/11/71 0903  SIZE   343 M3
MA                 SPECTRUM
LIGIBLE

NLESS OTHERWISE NOTED, RESULTS ARE
N PICO-CURIES PER UNIT OF SIZE,
XCEPT K IS IN GRAMS PER UNIT OF SIZE.
T(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS

                              PAGE   88
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BANEBERRY ACCUMULATIVE COLORADO AIR RESULTS

LOCATION                                         LAB-NO.& 131I     132TE     133I
                                                 USE CODE PCI/M3   PCI/M3    PCI/M3

DENVER COLO                                       96200   ND        ND        ND
076    ON-TIME 12/21/70 0835      CC
        OFF-TIME 12/22/70 0830  SIZE  344 M3
    GAMMA                SPECTRUM
    NEGLIGIBLE

GRAND JCT COLO HOLIDAY INN                        95344   ND        ND        ND
808    ON-TIME 12/18/70 2115      CC
        OFF-TIME 12/19/70 0930  SIZE   26 M3
    GAMMA                SPECTRUM
    NEGLIGIBLE

GRAND JCT COLO HOLIDAY INN                        95346   ND        ND        ND
808    ON-TIME 12/18/70 2115      PF
        OFF-TIME 12/19/70 0930  SIZE   26 M3
    GAMMA                SPECTRUM
    NEGLIGIBLE

GRAND JCT COLO HOLIDAY INN                        95343   ND        ND        ND
808    ON-TIME 12/19/70 0935      CC
        OFF-TIME 12/20/70 0017  SIZE   32 M3
    GAMMA                SPECTRUM
    NEGLIGIBLE

GRAND JCT COLO HOLIDAY INN                        95348   ND        ND        ND
808    ON-TIME 12/19/70 0935      PF
        OFF-TIME 12/20/70 0017  SIZE   32 M3
    GAMMA                SPECTRUM
    NEGLIGIBLE

GRAND JCT COLO HOLIDAY INN                        95342   ND        ND        ND
808    ON-TIME 12/20/70 0640      CC
        OFF-TIME 12/20/70 1640  SIZE   12 M3
    GAMMA                SPECTRUM
    NEGLIGIBLE

GRAND JCT COLO HOLIDAY INN                        95349   ND        ND        ND
808    ON-TIME 12/20/70 0640      PF
        OFF-TIME 12/20/70 1640  SIZE   12 M3
    GAMMA                SPECTRUM
    NEGLIGIBLE

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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 ACCUMULATIVE COLORADO AIR RESULTS

                                  LAB-NO.& 131I    132TE   133I    135I
                                  USE CODE PCI/M3  PCI/M3  PCI/M3  PCI/M3

LO                                 96200   ND      ND      ND      ND
TIME 12/21/70 0835    CC
TIME 12/22/70 0830  SIZE  344 M3
              SPECTRUM
GIBLE

 COLO HOLIDAY INN                  95344   ND      ND      ND      ND
TIME 12/18/70 2115    CC
TIME 12/19/70 0930  SIZE   26 M3
              SPECTRUM
GIBLE

 COLO HOLIDAY INN                  95346   ND      ND      ND      ND
TIME 12/18/70 2115    PF
TIME 12/19/70 0930  SIZE   26 M3
              SPECTRUM
GIBLE

 COLO HOLIDAY INN                  95343   ND      ND      ND      ND
TIME 12/19/70 0935    CC
TIME 12/20/70 0017  SIZE   32 M3
              SPECTRUM
GIBLE

 COLO HOLIDAY INN                  95348   ND      ND      ND      ND
TIME 12/19/70 0935    PF
TIME 12/20/70 0017  SIZE   32 M3
              SPECTRUM
GIBLE

 COLO HOLIDAY INN                  95342   ND      ND      ND      ND
TIME 12/20/70 0640    CC
TIME 12/20/70 1640  SIZE   12 M3
              SPECTRUM
GIBLE

 COLO HOLIDAY INN                  95349   ND      ND      ND      ND
TIME 12/20/70 0640    PF
TIME 12/20/70 1640  SIZE   12 M3
              SPECTRUM
GIBLE

ESS OTHERWISE NOTED. RESULTS ARE
PICO-CURIES PER UNIT OF SIZE.
EPT K IS IN GRAMS PER UNIT OF SIZE.
X) =LESS THAN X. ND=NOT DETECTED. NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE COLORADO AIR RESULTS

LOCATION                                   LAB-NO.& 131I    132TE   133I    135I
                                           USE CODE PCI/M3  PCI/M3  PCI/M3  PCI/

GRAND VALLEY COLO - JOHN C CLEM RANCH       95887   ND      ND      ND      ND
468   ON-TIME 12/19/70 1235     CC
     OFF-TIME 12/20/70 1450  SIZE  390 M3
    GAMMA                SPECTRUM
    NEGLIGIBLE

GRAND VALLEY COLO - JOHN C CLEM RANCH       95883   ND      ND      ND      ND
468   ON-TIME 12/19/70 1235     PF
     OFF-TIME 12/20/70 1450  SIZE  390 M3
    GAMMA                SPECTRUM
    NEGLIGIBLE

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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 ACCUMULATIVE COLORADO AIR RESULTS

                                  LAB-NO.& 131I     132TE    133I     135I
                                  USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/M3

EY COLO - JOHN C CLEM RANCH        95887   ND       ND       ND       ND
IME 12/19/70 1235     CC
IME 12/20/70 1450  SIZE  390 M3
             SPECTRUM
IBLE

EY COLO - JOHN C CLEM RANCH        95883   ND       ND       ND       ND
IME 12/19/70 1235     PF
IME 12/20/70 1450  SIZE  390 M3
             SPECTRUM
IBLE

SS OTHERWISE NOTED, RESULTS ARE
ICO-CURIES PER UNIT OF SIZE,
PT K IS IN GRAMS PER UNIT OF SIZE.
)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE IDAHO AIR RESULTS

LOCATION                                     LAB-NO.& 131I     132TE    133I     135
                                             USE CODE PCI/M3   PCI/M3   PCI/M3   PCI

BOISE IDA                                     96204   1.3E00   ND       ND       ND
071   ON-TIME 12/19/70 0915    CC
     OFF-TIME 12/20/70 0930  SIZE   350 M3

BOISE IDA                                     95932   2.9E00   1.2E01   ND       ND
071   ON-TIME 12/19/70 0915    PF
     OFF-TIME 12/20/70 0930  SIZE   350 M3
    141CE=0.4E00          103RU=0.6E00

BOISE IDA                                     96211   2.1E00   ND       ND       ND
071   ON-TIME 12/20/70 0930    CC
     OFF-TIME 12/21/70 0900  SIZE   338 M3

BOISE IDA                                     95933   3.3E00   1.2E01   ND       ND
071   ON-TIME 12/20/70 0930    PF
     OFF-TIME 12/21/70 0900  SIZE   338 M3
    141CE=0.6E00          103RU=0.7E00

BOISE IDA                                     96002   1.9E00   5.7E00   ND       ND
071   ON-TIME 12/21/70 0900    PF
     OFF-TIME 12/22/70 0900  SIZE   346 M3
    141CE=0.3E00          103RU=0.5E00

IDAHO FALLS IDA                               95141   ND       ND       ND       ND
073   ON-TIME 12/18/70 1640    CC
     OFF-TIME 12/19/70 1049  SIZE   273 M3
    GAMMA                 SPECTRUM
    NEGLIGIBLE

IDAHO FALLS IDA                               95583   ND       ND       ND       ND
073   ON-TIME 12/19/70 1054    CC
     OFF-TIME 12/20/70 1630  SIZE   438 M3
    GAMMA                 SPECTRUM
    NEGLIGIBLE

IDAHO FALLS IDA                               95554   3.6E00   1.4E01   1.9E01   ND
073   ON-TIME 12/19/70 1054    PF
     OFF-TIME 12/20/70 1630  SIZE   438 M3

IDAHO FALLS IDA                               95570   5.5E00   ND       1.6E01   ND
073   ON-TIME 12/20/70 1636    CC
     OFF-TIME 12/21/70 1034  SIZE   267 M3

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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Y ACCUMULATIVE IDAHO AIR RESULTS

                            LAB-NO.& 131I   132TE  133I   135I
                            USE CODE PCI/M3 PCI/M3 PCI/M3 PCI/M3

A                            96204   1.3E00 ND     ND     ND
-TIME 12/19/70 0915   CC
-TIME 12/20/70 0930  SIZE   350 M3

A                            95932   2.9E00 1.2E01 ND     ND
-TIME 12/19/70 0915   PF
-TIME 12/20/70 0930  SIZE   350 M3
E=0.4E00       103RU=0.6E00

A                            96211   2.1E00 ND     ND     ND
-TIME 12/20/70 0930   CC
-TIME 12/21/70 0900  SIZE   338 M3

A                            95933   3.3E00 1.2E01 ND     ND
-TIME 12/20/70 0930   PF
-TIME 12/21/70 0900  SIZE   338 M3
E=0.6E00       103RU=0.7E00

A                            96002   1.9E00 5.7E00 ND     ND
-TIME 12/21/70 0900   PF
-TIME 12/22/70 0900  SIZE   346 M3
E=0.3E00       103RU=0.5E00

LLS IDA                      95141   ND     ND     ND     ND
-TIME 12/18/70 1640   CC
-TIME 12/19/70 1049  SIZE   273 M3
A              SPECTRUM
IGIBLE

LLS IDA                      95583   ND     ND     ND     ND
-TIME 12/19/70 1054   CC
-TIME 12/20/70 1630  SIZE   438 M3
A              SPECTRUM
IGIBLE

LLS IDA                      95554   3.6E00 1.4E01 1.9E01 ND
-TIME 12/19/70 1054   PF
-TIME 12/20/70 1630  SIZE   438 M3

LLS IDA                      95570   5.5E00 ND     1.6E01 ND
-TIME 12/20/70 1636   CC
-TIME 12/21/70 1034  SIZE   267 M3

LESS OTHERWISE NOTED, RESULTS ARE
 PICO-CURIES PER UNIT OF SIZE,
CEPT K IS IN GRAMS PER UNIT OF SIZE.
(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE IDAHO AIR RESULTS

LOCATION
                                              LAB-NO.& 131I     132TE    133I     135
                                              USE CODE PCI/M3   PCI/M3   PCI/M3   PCI

IDAHO FALLS IDA                                95566   1.6E01   6.1E01   5.4E01   ND
073    ON-TIME 12/20/70 1636     PF
      OFF-TIME 12/21/70 1034  SIZE   267 M3

IDAHO FALLS IDA                                96225   1.0E00   ND       ND       ND
073    ON-TIME 12/21/70 1040     CC
      OFF-TIME 12/22/70 0907  SIZE   332 M3

IDAHO FALLS IDA                                96004   2.6E00   8.8E00   ND       ND
073    ON-TIME 12/21/70 1040     PF
      OFF-TIME 12/22/70 0907  SIZE   332 M3
    141CE=4.7E-01        103RU=5.9E-01

IDAHO FALLS IDA                                96191   0.5E00   ND       ND       ND
073    ON-TIME 12/23/70 1000     CC
      OFF-TIME 12/24/70 1100  SIZE   371 M3

POCATELLO IDA                                  96197   ND       ND       ND       ND
501    ON-TIME 12/19/70 0845     CC
      OFF-TIME 12/20/70 0900  SIZE   339 M3
    GAMMA                SPECTRUM
    NEGLIGIBLE

POCATELLO IDA                                  96215   1.3E00   ND       ND       ND
501    ON-TIME 12/20/70 0900     CC
      OFF-TIME 12/21/70 0910  SIZE   356 M3

POCATELLO IDA                                  96256   1.9E00   7.3E00   ND       ND
501    ON-TIME 12/20/70 0900     PF
      OFF-TIME 12/21/70 0910  SIZE   356 M3
    103RU=0.5E00

PRESTON IDA                                    95134   ND       ND       ND       ND
079    ON-TIME 12/18/70 1400     CC
      OFF-TIME 12/19/70 1100  SIZE   321 M3
    GAMMA                SPECTRUM
    NEGLIGIBLE

PRESTON IDA                                    95580   ND       ND       ND       ND
079    ON-TIME 12/19/70 1100     CC
      OFF-TIME 12/20/70 1100  SIZE   366 M3
    GAMMA                SPECTRUM
    NEGLIGIBLE

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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Y ACCUMULATIVE IDAHO AIR RESULTS

                                      LAB-NO.& 131I    132TE    133I     135I
                                      USE CODE PCI/M3  PCI/M3   PCI/M3   PCI/M3

LLS IDA                                95566   1.6E01   6.1E01   5.4E01   ND
-TIME 12/20/70 1636     PF
-TIME 12/21/70 1034  SIZE   267 M3

LLS IDA                                96225   1.0E00   ND       ND       ND
-TIME 12/21/70 1040     CC
-TIME 12/22/70 0907  SIZE   332 M3

LLS IDA                                96004   2.6E00   8.8E00   ND       ND
-TIME 12/21/70 1040     PF
-TIME 12/22/70 0907  SIZE   332 M3
E=4.7E-01        103RU=5.9E-01

LLS IDA                                96191   0.5E00   ND       ND       ND
-TIME 12/23/70 1000     CC
-TIME 12/24/70 1100  SIZE   371 M3

D IDA                                  96197   ND       ND       ND       ND
-TIME 12/19/70 0845     CC
-TIME 12/20/70 0900  SIZE   339 M3
A                SPECTRUM
IGIBLE

D IDA                                  96215   1.3E00   ND       ND       ND
-TIME 12/20/70 0900     CC
-TIME 12/21/70 0910  SIZE   356 M3

D IDA                                  96256   1.9E00   7.3E00   ND       ND
-TIME 12/20/70 0900     PF
-TIME 12/21/70 0910  SIZE   356 M3
U=0.5E00

IDA                                    95134   ND       ND       ND       ND
TIME 12/18/70 1400      CC
TIME 12/19/70 1100   SIZE   321 M3
                 SPECTRUM
GIBLE

DA                                     95580   ND       ND       ND       ND
TIME 12/19/70 1100      CC
TIME 12/20/70 1100   SIZE   366 M3
                 SPECTRUM
GIBLE

ESS OTHERWISE NOTED. RESULTS ARE
PICO-CURIES PER UNIT OF SIZE.
EPT K IS IN GRAMS PER UNIT OF SIZE.
X)=LESS THAN X. ND=NOT DETECTED. NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE IDAHO AIR RESULTS

LOCATION
                                             LAB-NO.& 131I     132TE    133I     1
                                             USE CODE PCI/M3   PCI/M3   PCI/M3   P

PRESTON IDA
079   ON-TIME 12/19/70 1100     PF            95556    1.9E00   8.7E00   1.3E01   N
      OFF-TIME 12/20/70 1100  SIZE  366 M3

PRESTON IDA
079   ON-TIME 12/20/70 1100     CC            96205    1.3E00   ND       ND       N
      OFF-TIME 12/21/70 1100  SIZE  366 M3

PRESTON IDA
079   ON-TIME 12/20/70 1100     PF            95938    4.7E00   1.7E01   ND       N
      OFF-TIME 12/21/70 1100  SIZE  366 M3
    141CE=0.8E00          103RU=0.9E00

PRESTON IDA
079   ON-TIME 12/21/70 1100     CC            96193    ND       ND       ND       ND
      OFF-TIME 12/22/70 1100  SIZE  366 M3
    GAMMA                  SPECTRUM
    NEGLIGIBLE

TWIN FALLS IDA
072   ON-TIME 12/19/70 0800     CC            95585    0.2E00   ND       ND       ND
      OFF-TIME 12/20/70 0850  SIZE  346 M3

TWIN FALLS IDA
072   ON-TIME 12/19/70 0800     PF            95553    0.7E00   2.9E00   4.4E00   ND
      OFF-TIME 12/20/70 0850  SIZE  346 M3

TWIN FALLS IDA
072   ON-TIME 12/20/70 0900     CC            95581    1.3E00   ND       3.9E00   ND
      OFF-TIME 12/21/70 0800  SIZE  321 M3

TWIN FALLS IDA
072   ON-TIME 12/20/70 0900     PF            95565    3.5E00   1.2E01   1.2E01   ND
      OFF-TIME 12/21/70 0800  SIZE  321 M3

TWIN FALLS IDA
072   ON-TIME 12/21/70 0800     PF            96003    0.9E00   2.7E00   ND       ND
      OFF-TIME 12/22/70 0800  SIZE  335 M3
    141CE=0.1E00          103RU=0.2E00

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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RRY ACCUMULATIVE IDAHO AIR RESULTS

ON
                                       LAB-NO.& 131I     132TE    133I    135I
                                       USE CODE PCI/M3   PCI/M3   PCI/M3  PCI/M3

I IDA
                                        95556    1.9E00  8.7E00  1.3E01  ND
ON-TIME 12/19/70 1100      PF
FF-TIME 12/20/70 1100  SIZE   366 M3

I IDA
                                        96205    1.3E00  ND      ND      ND
ON-TIME 12/20/70 1100      CC
FF-TIME 12/21/70 1100  SIZE   366 M3

I IDA
                                        95938    4.7E00  1.7E01  ND      ND
ON-TIME 12/20/70 1100      PF
FF-TIME 12/21/70 1100  SIZE   366 M3
CE=0.8E00          103RU=0.9E00

I IDA
                                        96193    ND      ND      ND      ND
N-TIME 12/21/70 1100      CC
F-TIME 12/22/70 1100  SIZE   366 M3
MA               SPECTRUM
LIGIBLE

LLS IDA
                                        95585    0.2E00  ND      ND      ND
N-TIME 12/19/70 0800      CC
F-TIME 12/20/70 0850  SIZE   346 M3

LLS IDA
                                        95553    0.7E00  2.9E00  4.4E00  ND
N-TIME 12/19/70 0800      PF
F-TIME 12/20/70 0850  SIZE   346 M3

LLS IDA
                                        95581    1.3E00  ND      3.9E00  ND
-TIME 12/20/70 0900      CC
-TIME 12/21/70 0800  SIZE   321 M3

LS IDA
                                        95565    3.5E00  1.2E01  1.2E01  ND
-TIME 12/20/70 0900      PF
-TIME 12/21/70 0800  SIZE   321 M3

LS IDA
                                        96003    0.9E00  2.7E00  ND      ND
-TIME 12/21/70 0800      PF
-TIME 12/22/70 0800  SIZE   335 M3
E=0.1E00          103RU=0.2E00

LESS OTHERWISE NOTED, RESULTS ARE
 PICO-CURIES PER UNIT OF SIZE,
CEPT K IS IN GRAMS PER UNIT OF SIZE.
(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE MISSOURI AIR RESULTS

LOCATION                                  LAB-NO.& 131I     132TE    133I     13
                                          USE CODE PCI/M3   PCI/M3   PCI/M3   PC

ST LOUIS MO                                96179   0.6E00   1.2E00   ND       ND
096    ON-TIME 12/23/70 1757     PF
      OFF-TIME 12/24/70 1804  SIZE  347 M3
     103RU=0.2E00

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
       IN PICO-CURIES PER UNIT OF SIZE,
       EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
       LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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ACCUMULATIVE MISSOURI AIR RESULTS

                                  LAB-NO.& 131I     132TE    133I     135I
                                  USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/M3

O                                  96179   0.6E00   1.2E00   ND       ND
IME 12/23/70 1757     PF
IME 12/24/70 1804  SIZE  347 M3
0.2E00

SS OTHERWISE NOTED, RESULTS ARE
ICO-CURIES PER UNIT OF SIZE,
PT K IS IN GRAMS PER UNIT OF SIZE.
)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANFBERRY ACCUMULATIVE MONTANA AIR RESULTS

LOCATION                                     LAB-NO.& 131I     132TE    133I     135I
                                             USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/

BOZEMAN MONT                                  95571   ND       ND       ND       ND
503   ON-TIME 12/19/70 1240     CC
     OFF-TIME 12/20/70 1230  SIZE  323 M3
    GAMMA                SPECTRUM
    NEGLIGIBLE

BOZEMAN MONT                                  95559   2.2E00   8.1E00   1.4E01   ND
503   ON-TIME 12/19/70 1240     PF
     OFF-TIME 12/20/70 1230  SIZE  323 M3

BOZEMAN MONT                                  95956   2.8E00   ND       4.9E01   ND
503   ON-TIME 12/20/70 1230     CC
     OFF-TIME 12/21/70 1240  SIZE  339 M3

BOZEMAN MONT                                  95950   5.0E00   1.8E01   ND       ND
503   ON-TIME 12/20/70 1230     PF
     OFF-TIME 12/21/70 1240  SIZE  339 M3
    141CE=1.1E00         103RU=1.1E00

MISSOULA MONT                                 96228   1.5E00   ND       ND       ND
506   ON-TIME 12/20/70 1415     CC
     OFF-TIME 12/21/70 1435  SIZE  360 M3

MISSOULA MONT                                 95951   2.4E00   8.0E00   ND       ND
506   ON-TIME 12/20/70 1415     PF
     OFF-TIME 12/21/70 1435  SIZE  360 M3
    141CE=0.4E00         103RU=0.6E00

MISSOULA MONT                                 96192   0.8E00   ND       ND       ND
506   ON-TIME 12/21/70 1435     CC
     OFF-TIME 12/22/70 1625  SIZE  381 M3

MISSOULA MONT                                 96010   1.2E00   3.6E00   ND       ND
506   ON-TIME 12/21/70 1435     PF
     OFF-TIME 12/22/70 1625  SIZE  381 M3
    103RU=0.3E00

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
```

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RRY ACCUMULATIVE MONTANA AIR RESULTS

DN
                                          LAB-NO.& 131I     132TE    133I     135I
                                          USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/M3
 MONT
N-TIME 12/19/70 1240     CC                 95571   ND       ND       ND       ND
F-TIME 12/20/70 1230  SIZE  323 M3
MA               SPECTRUM
LIGIBLE

 MONT
N-TIME 12/19/70 1240     PF                 95559   2.2E00   8.1E00   1.4E01   ND
F-TIME 12/20/70 1230  SIZE  323 M3

 MONT
N-TIME 12/20/70 1230     CC                 95956   2.8E00   ND       4.9E01   ND
F-TIME 12/21/70 1240  SIZE  339 M3

 MONT
N-TIME 12/20/70 1230     PF                 95950   5.0E00   1.8E01   ND       ND
F-TIME 12/21/70 1240  SIZE  339 M3
CE=1.1E00          103RU=1.1E00

 MONT
N-TIME 12/20/70 1415     CC                 96228   1.5E00   ND       ND       ND
F-TIME 12/21/70 1435  SIZE  360 M3

 MONT
-TIME 12/20/70 1415     PF                  95951   2.4E00   8.0E00   ND       ND
-TIME 12/21/70 1435  SIZE  360 M3
E=0.4E00           103RU=0.6E00

 MONT
-TIME 12/21/70 1435     CC                  96192   0.8E00   ND       ND       ND
-TIME 12/22/70 1625  SIZE  381 M3

 MONT
-TIME 12/21/70 1435     PF                  96010   1.2E00   3.6E00   ND       ND
-TIME 12/22/70 1625  SIZE  381 M3
U=0.3E00

LESS OTHERWISE NOTED, RESULTS ARE
 PICO-CURIES PER UNIT OF SIZE,
CEPT K IS IN GRAMS PER UNIT OF SIZE.
(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION                                   LAB-NO.& 131I     132TE    133I     135I
                                           USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/

ADAVEN NEV 15MI S UHALDE WELL                93859   ND       ND       ND       ND
801    ON-TIME 12/18/70 1258     CC
     OFF-TIME 12/18/70 1718  SIZE    16 M3
    GAMMA                 SPECTRUM
    NEGLIGIBLE

ADAVEN NEV 15MI S UHALDE WELL                93868   ND       1.2E01   2.0E01   ND
801    ON-TIME 12/18/70 1258     PF
     OFF-TIME 12/18/70 1718  SIZE    16 M3

ADAVEN NEV UHALDES WELL 15 MI S              93969   ND       ND       6.8E00   ND
801    ON-TIME 12/18/70 1734     CC
     OFF-TIME 12/19/70 0234  SIZE    19 M3

ADAVEN NEV UHALDES WELL 15 MI S              93979   ND       1.3E01   1.7E01   ND
801    ON-TIME 12/18/70 1734     PF
     OFF-TIME 12/19/70 0234  SIZE    19 M3

ADAVEN NEV UHALDE RANCH                      95001   4.1E00   ND       7.8E01   ND
806    ON-TIME 12/18/70 1340     CC
     OFF-TIME 12/18/70 2003  SIZE    29 M3

ADAVEN NEV UHALDE RANCH                      93988   1.5E00   1.2E02   2.7E02   ND
806    ON-TIME 12/18/70 1340     PF
     OFF-TIME 12/18/70 2003  SIZE    29 M3
    103RU=2.0E00

ADAVEN NEV UHALDE RANCH                      95002   2.1E00   ND       2.2E01   ND
806    ON-TIME 12/18/70 2010     CC
     OFF-TIME 12/19/70 0725  SIZE    43 M3

ADAVEN NEV UHALDE RANCH                      93987   3.1E00   2.0E01   3.3E01   ND
806    ON-TIME 12/18/70 2010     PF
     OFF-TIME 12/19/70 0725  SIZE    43 M3

ALAMO NEV                                    93857   ND       ND       ND       ND
001    ON-TIME 12/18/70 0610     CC
     OFF-TIME 12/18/70 2145  SIZE   230 M3
    GAMMA                 SPECTRUM
    NEGLIGIBLE

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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Y ACCUMULATIVE NEVADA AIR RESULTS

                                     LAB-NO.& 131I     132TE    133I     135I
                                     USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/M3

EV 15MI S UHALDE WELL                  93859    ND       ND       ND       ND
-TIME 12/18/70 1258     CC
-TIME 12/18/70 1718  SIZE    16 M3
A              SPECTRUM
IGIBLE

EV 15MI S UHALDE WELL                  93868    ND       1.2E01   2.0E01   ND
-TIME 12/18/70 1258     PF
-TIME 12/18/70 1718  SIZE    16 M3

EV UHALDES WELL 15 MI S                93969    ND       ND       6.8E00   ND
-TIME 12/18/70 1734     CC
-TIME 12/19/70 0234  SIZE    19 M3

EV UHALDES WELL 15 MI S                93979    ND       1.3E01   1.7E01   ND
-TIME 12/18/70 1734     PF
-TIME 12/19/70 0234  SIZE    19 M3

EV UHALDE RANCH                        95001    4.1E00   ND       7.8E01   ND
-TIME 12/18/70 1340     CC
-TIME 12/18/70 2003  SIZE    29 M3

EV UHALDE RANCH                        93988    1.5E00   1.2E02   2.7E02   ND
-TIME 12/18/70 1340     PF
-TIME 12/18/70 2003  SIZE    29 M3
U=2.0E00

EV UHALDE RANCH                        95002    2.1E00   ND       2.2E01   ND
-TIME 12/18/70 2010     CC
-TIME 12/19/70 0725  SIZE    43 M3

EV UHALDE RANCH                        93987    3.1E00   2.0E01   3.3E01   ND
-TIME 12/18/70 2010     PF
-TIME 12/19/70 0725  SIZE    43 M3

V                                      93857    ND       ND       ND       ND
-TIME 12/18/70 0610     CC
-TIME 12/18/70 2145  SIZE   230 M3
A              SPECTRUM
IGIBLE

LESS OTHERWISE NOTED, RESULTS ARE
 PICO-CURIES PER UNIT OF SIZE,
CEPT K IS IN GRAMS PER UNIT OF SIZE.
(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION                                      LAB-NO.& 131I     132TE    133I     135I
                                              USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/

ALAMO NEV                                      93876    ND       ND       ND       ND
001    ON-TIME 12/18/70 0610     PF
      OFF-TIME 12/18/70 2145  SIZE  230 M3
     GAMMA               SPECTRUM
     NEGLIGIBLE

ALAMO NEV                                      93858    ND       ND       2.2E00   ND
001    ON-TIME 12/18/70 2152     CC
      OFF-TIME 12/19/70 0815  SIZE  154 M3

ALAMO NEV                                      93875    0.8E00   7.5E00   7.4E00   ND
001    ON-TIME 12/18/70 2152     PF
      OFF-TIME 12/19/70 0815  SIZE  154 M3

ALAMO NEV                                      95054    0.3E00   ND       1.6E00   ND
001    ON-TIME 12/19/70 0815     CC
      OFF-TIME 12/20/70 0800  SIZE  363 M3

ALAMO NEV                                      95052    1.2E00   1.0E01   6.3E00   ND
001    ON-TIME 12/19/70 0815     PF
      OFF-TIME 12/20/70 0800  SIZE  363 M3

ALAMO NEV                                      95229    ND       ND       ND       ND
001    ON-TIME 12/20/70 0800     CC
      OFF-TIME 12/21/70 0800  SIZE  365 M3
     GAMMA               SPECTRUM
     NEGLIGIBLE

ALAMO NEV                                      95230    0.1E00   1.0E00   0.4E00   ND
001    ON-TIME 12/20/70 0800     PF
      OFF-TIME 12/21/70 0800  SIZE  365 M3

ALAMO NEV                                      95482    ND       ND       ND       ND
001    ON-TIME 12/21/70 0800     CC
      OFF-TIME 12/22/70 0725  SIZE  339 M3
     GAMMA               SPECTRUM
     NEGLIGIBLE

ALAMO NEV                                      95454    ND       ND       ND       ND
001    ON-TIME 12/21/70 0800     PF
      OFF-TIME 12/22/70 0725  SIZE  339 M3
     GAMMA               SPECTRUM
     NEGLIGIBLE

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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RRY ACCUMULATIVE NEVADA AIR RESULTS

ON
                                     LAB-NO.& 131I     132TE    133I     135I
                                     USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/M3
NEV
                                      93876    ND       ND       ND       ND
ON-TIME 12/18/70 0610     PF
FF-TIME 12/18/70 2145  SIZE  230 M3
MMA              SPECTRUM
GLIGIBLE

NEV
                                      93858    ND       ND       2.2E00   ND
ON-TIME 12/18/70 2152     CC
FF-TIME 12/19/70 0815  SIZE  154 M3

NEV
                                      93875    0.8E00   7.5E00   7.4E00   ND
ON-TIME 12/18/70 2152     PF
FF-TIME 12/19/70 0815  SIZE  154 M3

NEV
                                      95054    0.3E00   ND       1.6E00   ND
ON-TIME 12/19/70 0815     CC
FF-TIME 12/20/70 0800  SIZE  363 M3

NEV
                                      95052    1.2E00   1.0E01   6.3E00   ND
ON-TIME 12/19/70 0815     PF
FF-TIME 12/20/70 0800  SIZE  363 M3

EV
                                      95229    ND       ND       ND       ND
N-TIME 12/20/70 0800     CC
F-TIME 12/21/70 0800  SIZE  365 M3
MA              SPECTRUM
LIGIBLE

EV
                                      95230    0.1E00   1.0E00   0.4E00   ND
N-TIME 12/20/70 0800     PF
F-TIME 12/21/70 0800  SIZE  365 M3

EV
                                      95482    ND       ND       ND       ND
N-TIME 12/21/70 0800     CC
F-TIME 12/22/70 0725  SIZE  339 M3
MA              SPECTRUM
LIGIBLE

EV
                                      95454    ND       ND       ND       ND
N-TIME 12/21/70 0800     PF
F-TIME 12/22/70 0725  SIZE  339 M3
MA              SPECTRUM
LIGIBLE

NLESS OTHERWISE NOTED, RESULTS ARE
N PICO-CURIES PER UNIT OF SIZE,
XCEPT K IS IN GRAMS PER UNIT OF SIZE.
T(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS

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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION                                     LAB-NO.& 131I     132TE    133I     135
                                             USE CODE PCI/M3   PCI/M3   PCI/M3   PCI

ALAMO NEV                                     96398   ND       ND       ND       ND
001    ON-TIME 01/01/71 0800     PF
     OFF-TIME 01/02/71 0900  SIZE  382 M3
    GAMMA                   SPECTRUM
    NEGLIGIBLE

ALAMO NEV                                     96733   ND       ND       ND       ND
001    ON-TIME 01/10/71 0900     PF
     OFF-TIME 01/11/71 0930  SIZE  374 M3
    GAMMA                   SPECTRUM
    NEGLIGIBLE

AUSTIN NEV                                    95138   3.3E01   ND       7.9E02   ND
036    ON-TIME 12/18/70 1100     CC
     OFF-TIME 12/19/70 1200  SIZE  363 M3

AUSTIN NEV                                    95151   7.1E01   2.9E02   7.0E02   ND
038    ON-TIME 12/18/70 1100     PF
     OFF-TIME 12/19/70 1200  SIZE  363 M3
    103RU=1.1E01

AUSTIN NEV                                    95824   6.8E00   ND       9.1E01   ND
038    ON-TIME 12/19/70 1200     CC
     OFF-TIME 12/20/70 0730  SIZE  279 M3

AUSTIN NEV                                    95770   1.7E01   6.3E01   ND       ND
038    ON-TIME 12/19/70 1200     PF
     OFF-TIME 12/20/70 0730  SIZE  279 M3

AUSTIN NEV                                    95815   2.8E00   ND       1.7E01   ND
038    ON-TIME 12/20/70 0730     CC
     OFF-TIME 12/21/70 0950  SIZE  364 M3

AUSTIN NEV                                    95779   0.9E00   2.3E00   1.2E01   ND
038    ON-TIME 12/20/70 0730     PF
     OFF-TIME 12/21/70 0950  SIZE  364 M3

AUSTIN NEV                                    96223   1.8E00   ND       ND       ND
038    ON-TIME 12/21/70 0950     CC
     OFF-TIME 12/22/70 0900  SIZE  337 M3

AUSTIN NEV                                    96231   0.8E00   ND       ND       ND
038    ON-TIME 12/22/70 0900     CC
     OFF-TIME 12/23/70 1000  SIZE  347 M3

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE.
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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UMULATIVE NEVADA AIR RESULTS

                                     LAB-NO.& 131I     132TE    133I     135I
                                     USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/M3

                                      96398    ND       ND       ND       ND
 01/01/71 0800    PF
 01/02/71 0900  SIZE   382 M3
             SPECTRUM
E

                                      96733    ND       ND       ND       ND
 01/10/71 0900    PF
 01/11/71 0930  SIZE   374 M3
             SPECTRUM
E

                                      95138    3.3E01   ND       7.9E02   ND
 12/18/70 1100    CC
 12/19/70 1200  SIZE   363 M3

                                      95151    7.1E01   2.9E02   7.0E02   ND
 12/18/70 1100    PF
 12/19/70 1200  SIZE   363 M3
E01

                                      95824    6.8E00   ND       9.1E01   ND
 12/19/70 1200    CC
 12/20/70 0730  SIZE   279 M3

                                      95770    1.7E01   6.3E01   ND       ND
 12/19/70 1200    PF
 12/20/70 0730  SIZE   279 M3

                                      95815    2.8E00   ND       1.7E01   ND
 12/20/70 0730    CC
 12/21/70 0950  SIZE   364 M3

                                      95779    0.9E00   2.3E00   1.2E01   ND
 12/20/70 0730    PF
 12/21/70 0950  SIZE   364 M3

                                      96223    1.8E00   ND       ND       ND
 12/21/70 0950    CC
 12/22/70 0900  SIZE   337 M3

                                      96231    0.8E00   ND       ND       ND
 12/22/70 0900    CC
 12/23/70 1000  SIZE   347 M3

 OTHERWISE NOTED, RESULTS ARE
O-CURIES PER UNIT OF SIZE.
 K IS IN GRAMS PER UNIT OF SIZE.
LESS THAN X. ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION
                                          LAB-NO.& 131I    132TE    133I     13
                                          USE CODE PCI/M3  PCI/M3   PCI/M3   PC

BATTLE MOUNTAIN NEV                         95942   1.9E00  7.4E00  ND       ND
100   ON-TIME 12/18/70 1223     PF
     OFF-TIME 12/19/70 1330  SIZE  361 M3
    141CE=0.3E00        103RU=0.4E00

BATTLE MOUNTAIN NEV                         96187   8.7E00  1.4E01  ND       ND
100   ON-TIME 12/19/70 1331     CC
     OFF-TIME 12/20/70 1115  SIZE  312 M3

BATTLE MOUNTAIN NEV                         96189   8.6E00  1.4E01  ND       ND
100   ON-TIME 12/19/70 1331     PF
     OFF-TIME 12/20/70 1115  SIZE  312 M3
    141CE-1.0E00        103RU=3.3E00

BATTLE MOUNTAIN NEV                         96226   2.5E00  ND      ND       ND
100   ON-TIME 12/20/70 1116     CC
     OFF-TIME 12/21/70 1130  SIZE  350 M3

BATTLE MOUNTAIN NEV                         95943   2.1E00  7.9E00  ND       ND
100   ON-TIME 12/20/70 1116     PF
     OFF-TIME 12/21/70 1130  SIZE  350 M3
    141CE=0.3E00        103RU=0.3E00

BEATTY NEV                                  93843   0.8E00  ND      1.6E01   4.7
002   ON-TIME 12/18/70 1828     CC
     OFF-TIME 12/19/70 1225  SIZE  263 M3

BEATTY NEV                                  93863   1.0E00  4.2E00  7.3E00   5.7
002   ON-TIME 12/18/70 1828     PF
     OFF-TIME 12/19/70 1225  SIZE  263 M3

BEATTY NEV                                  95139   2.4E00  ND      4.9E01   ND
002   ON-TIME 12/19/70 1230     CC
     OFF-TIME 12/19/70 1715  SIZE   73 M3

BEATTY NEV                                  95152   2.6E00  6.4E00  2.1E01   ND
002   ON-TIME 12/19/70 1230     PF
     OFF-TIME 12/19/70 1715  SIZE   73 M3

BEATTY NEV                                  95596   1.5E00  ND      5.1E00   ND
002   ON-TIME 12/20/70 1725     CC
     OFF-TIME 12/21/70 1721  SIZE  344 M3

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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Y ACCUMULATIVE NEVADA AIR RESULTS

                              LAB-NO.& 131I      132TE    133I     135I
                              USE CODE PCI/M3    PCI/M3   PCI/M3   PCI/M3

OUNTAIN NEV                    95942   1.9E00    7.4E00   ND       ND
-TIME 12/18/70 1223    PF
-TIME 12/19/70 1330  SIZE  361 M3
CE=0.3E00       103RU=0.4E00

OUNTAIN NEV                    96187   8.7E00    1.4E01   ND       ND
-TIME 12/19/70 1331    CC
-TIME 12/20/70 1115  SIZE  312 M3

OUNTAIN NEV                    96189   8.6E00    1.4E01   ND       ND
-TIME 12/19/70 1331    PF
-TIME 12/20/70 1115  SIZE  312 M3
E=1.0E00        103RU=3.3E00

OUNTAIN NEV                    96226   2.5E00    ND       ND       ND
-TIME 12/20/70 1116    CC
-TIME 12/21/70 1130  SIZE  350 M3

OUNTAIN NEV                    95943   2.1E00    7.9E00   ND       ND
-TIME 12/20/70 1116    PF
-TIME 12/21/70 1130  SIZE  350 M3
E=0.3E00        103RU=0.3E00

EV                             93843   0.8E00    ND       1.6E01   4.7E00
-TIME 12/18/70 1828    CC
-TIME 12/19/70 1225  SIZE  263 M3

EV                             93863   1.0E00    4.2E00   7.3E00   5.7E00
-TIME 12/18/70 1828    PF
-TIME 12/19/70 1225  SIZE  263 M3

EV                             95139   2.4E00    ND       4.9E01   ND
-TIME 12/19/70 1230    CC
-TIME 12/19/70 1715  SIZE   73 M3

EV                             95152   2.6E00    6.4E00   2.1E01   ND
-TIME 12/19/70 1230    PF
-TIME 12/19/70 1715  SIZE   73 M3

EV                             95596   1.5E00    ND       5.1E00   ND
-TIME 12/20/70 1725    CC
-TIME 12/21/70 1721  SIZE  344 M3

LESS OTHERWISE NOTED, RESULTS ARE
 PICO-CURIES PER UNIT OF SIZE.
CEPT K IS IN GRAMS PER UNIT OF SIZE.
(X)=LESS THAN X. ND=NOT DETECTED. NA=NO ANALYSIS
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LOCATION                                    LAB-NO.& 131I     132TE    133I     135
                                            USE CODE PCI/M3   PCI/M3   PCI/M3   PCI

BEATTY NEV                                   95560   1.2E00   3.3E00   3.9E00   ND
002   ON-TIME 12/20/70 1725     PF
     OFF-TIME 12/21/70 1721   SIZE   344 M3

BLUE JAY NEV                                 93993   2.0E01   ND       2.8E02   ND
028   ON-TIME 12/18/70 2030     CC
     OFF-TIME 12/19/70 0810   SIZE   173 M3

BLUE JAY NEV                                 95011   3.9E01   1.9E02   3.6E02   ND
028   ON-TIME 12/18/70 0740     PF
     OFF-TIME 12/19/70 0810   SIZE   362 M3

BLUE JAY NEV                                 95170   1.1E01   ND       6.6E01   ND
028   ON-TIME 12/19/70 0810     CC
     OFF-TIME 12/20/70 0830   SIZE   359 M3

BLUE JAY NEV                                 95171   8.8E00   3.6E01   4.3E01   ND
028   ON-TIME 12/19/70 0810     PF
     OFF-TIME 12/20/70 0830   SIZE   359 M3

BLUE JAY NEV                                 95474   7.9E00   ND       2.0E01   ND
028   ON-TIME 12/20/70 0830     CC
     OFF-TIME 12/21/70 0810   SIZE   352 M3

BLUE JAY NEV                                 95460   2.1E00   5.6E00   5.4E00   ND
028   ON-TIME 12/20/70 0830     PF
     OFF-TIME 12/21/70 0810   SIZE   352 M3

BLUE JAY NEV                                 95483   3.4E00   ND       3.8E00   ND
028   ON-TIME 12/21/70 0810     CC
     OFF-TIME 12/22/70 0800   SIZE   353 M3

BLUE JAY NEV                                 95461   0.4E00   1.1E00   0.5E00   ND
028   ON-TIME 12/21/70 0810     PF
     OFF-TIME 12/22/70 0800   SIZE   353 M3

BLUE JAY NEV                                 96180   0.7E00   ND       ND       ND
028   ON-TIME 12/26/70 0935     PF
     OFF-TIME 12/27/70 0925   SIZE   353 M3

BLUE JAY NEV                                 96181   0.6E00   ND       ND       ND
028   ON-TIME 12/27/70 0925     PF
     OFF-TIME 12/28/70 0730   SIZE   328 M3

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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RY ACCUMULATIVE NEVADA AIR RESULTS

N
                                     LAB-NO.& 131I     132TE    133I     135I
                                     USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/M3
NEV
N-TIME 12/20/70 1725     PF            95560   1.2E00  3.3E00   3.9E00   ND
F-TIME 12/21/70 1721  SIZE  344 M3

 NEV
N-TIME 12/18/70 2030     CC            93993   2.0E01  ND       2.8E02   ND
F-TIME 12/19/70 0810  SIZE  173 M3

 NEV
-TIME 12/18/70 0740      PF            95011   3.9E01  1.9E02   3.6E02   ND
-TIME 12/19/70 0810   SIZE  362 M3

 NEV
-TIME 12/19/70 0810      CC            95170   1.1E01  ND       6.6E01   ND
-TIME 12/20/70 0830   SIZE  359 M3

 NEV
-TIME 12/19/70 0810      PF            95171   8.8E00  3.6E01   4.3E01   ND
-TIME 12/20/70 0830   SIZE  359 M3

 NEV
-TIME 12/20/70 0830      CC            95474   7.9E00  ND       2.0E01   ND
-TIME 12/21/70 0810   SIZE  352 M3

 NEV
TIME 12/20/70 0830       PF            95460   2.1E00  5.6E00   5.4E00   ND
TIME 12/21/70 0810    SIZE  352 M3

 NEV
TIME 12/21/70 0810       CC            95483   3.4E00  ND       3.8E00   ND
TIME 12/22/70 0800    SIZE  353 M3

NEV
TIME 12/21/70 0810       PF            95461   0.4E00  1.1E00   0.5E00   ND
TIME 12/22/70 0800    SIZE  353 M3

NEV
TIME 12/26/70 0935       PF            96180   0.7E00  ND       ND       ND
TIME 12/27/70 0925    SIZE  353 M3

NEV
TIME 12/27/70 0925       PF            96181   0.6E00  ND       ND       ND
TIME 12/28/70 0730    SIZE  328 M3

ESS OTHERWISE NOTED, RESULTS ARE
PICO-CURIES PER UNIT OF SIZE.
EPT K IS IN GRAMS PER UNIT OF SIZE.
X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION                                          LAB-NO.& 131I     132TE    133I     13
                                                  USE CODE PCI/M3   PCI/M3   PCI/M3   PC

CALIENTE NEV                                       95123   ND        ND       ND       ND
003    ON-TIME 12/18/70 1045     CC
     OFF-TIME 12/19/70 0735  SIZE   299 M3
    GAMMA                  SPECTRUM
    NEGLIGIBLE

CALIENTE NEV                                       95392   1.4E00   6.3E00   1.5E01   ND
003    ON-TIME 12/18/70 1045     PF
     OFF-TIME 12/19/70 0735  SIZE   299 M3

CALIENTE NEV                                       95575   0.3E00   ND       1.3E00   ND
003    ON-TIME 12/19/70 0735     CC
     OFF-TIME 12/20/70 0700  SIZE   337 M3

CALIENTE NEV                                       95549   6.7E00   3.2E01   5.3E01   ND
003    ON-TIME 12/19/70 0735     PF
     OFF-TIME 12/20/70 0700  SIZE   337 M3

CALIENTE NEV                                       95820   ND        ND       ND       ND
003    ON-TIME 12/20/70 0700     CC
     OFF-TIME 12/21/70 0600  SIZE   330 M3
    GAMMA                  SPECTRUM
    NEGLIGIBLE

CALIENTE NEV                                       95774   0.3E00   1.0E00   ND       ND
003    ON-TIME 12/20/70 0700     PF
     OFF-TIME 12/21/70 0600  SIZE   330 M3

CLARK STATION NEV                                  93994   3.8E01   ND       1.0E03   ND
102    ON-TIME 12/18/70 0800     CC
     OFF-TIME 12/19/70 0700  SIZE   318 M3

CLARK STATION NEV                                  95006   1.9E02   8.7E02   2.4E03   ND
102    ON-TIME 12/18/70 0800     PF
     OFF-TIME 12/19/70 0700  SIZE   318 M3

CLARK STATION NEV                                  95167   1.1E01   ND       1.0E02   ND
102    ON-TIME 12/19/70 1200     CC
     OFF-TIME 12/20/70 0800  SIZE   271 M3

CLARK STATION NEV                                  95166   7.2E00   2.4E01   3.4E01   ND
102    ON-TIME 12/19/70 1200     PF
     OFF-TIME 12/20/70 0800  SIZE   271 M3
    103RU=1.0E00

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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RRY ACCUMULATIVE NEVADA AIR RESULTS

ON                                       LAB-NO.& 131I    132TE   133I    135I
                                         USE CODE PCI/M3  PCI/M3  PCI/M3  PCI/M3

TE NEV                                    95123   ND      ND      ND      ND
ON-TIME 12/18/70 1045     CC
FF-TIME 12/19/70 0735  SIZE   299 M3
MMA               SPECTRUM
GLIGIBLE

TE NEV                                    95392   1.4E00  6.3E00  1.5E01  ND
ON-TIME 12/18/70 1045     PF
FF-TIME 12/19/70 0735  SIZE   299 M3

E NEV                                     95575   0.3E00  ND      1.3E00  ND
ON-TIME 12/19/70 0735     CC
FF-TIME 12/20/70 0700  SIZE   337 M3

TE NEV                                    95549   6.7E00  3.2E01  5.3E01  ND
ON-TIME 12/19/70 0735     PF
FF-TIME 12/20/70 0700  SIZE   337 M3

TE NEV                                    95820   ND      ND      ND      ND
ON-TIME 12/20/70 0700     CC
FF-TIME 12/21/70 0600  SIZE   330 M3
MMA               SPECTRUM
GLIGIBLE

TE NEV                                    95774   0.3E00  1.0E00  ND      ND
ON-TIME 12/20/70 0700     PF
FF-TIME 12/21/70 0600  SIZE   330 M3

STATION NEV                               93994   3.8E01  ND      1.0E03  ND
ON-TIME 12/18/70 0800     CC
FF-TIME 12/19/70 0700  SIZE   318 M3

STATION NEV                               95006   1.9E02  8.7E02  2.4E03  ND
ON-TIME 12/18/70 0800     PF
FF-TIME 12/19/70 0700  SIZE   318 M3

STATION NEV                               95167   1.1E01  ND      1.0E02  ND
ON-TIME 12/19/70 1200     CC
FF-TIME 12/20/70 0800  SIZE   271 M3

STATION NEV                               95166   7.2E00  2.4E01  3.4E01  ND
ON-TIME 12/19/70 1200     PF
FF-TIME 12/20/70 0800  SIZE   271 M3
BRU=1.0E00

UNLESS OTHERWISE NOTED, RESULTS ARE
IN PICO-CURIES PER UNIT OF SIZE,
EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION                                        LAB-NO.& 131I     132TE    133I     135I
                                                USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/

CLARK STATION NEV                                 95452  3.3E00   ND       1.2E01   ND
102   ON-TIME 12/20/70 0800    CC
     OFF-TIME 12/21/70 0800  SIZE   330 M3

CLARK STATION NEV                                 95467  1.2E00   2.8E00   3.3E00   ND
102   ON-TIME 12/20/70 0800    PF
     OFF-TIME 12/21/70 0800  SIZE   330 M3

CLARK STATION NEV                                 95453  1.8E00   ND       2.8E00   ND
102   ON-TIME 12/21/70 0800    CC
     OFF-TIME 12/22/70 0800  SIZE   320 M3

CLARK STATION NEV                                 95468  0.3E00   1.0E00   0.5E00   ND
102   ON-TIME 12/21/70 0800    PF
     OFF-TIME 12/22/70 0800  SIZE   320 M3

CLARK STATION NEV                                 96566  4.0E00   ND       ND       ND
102   ON-TIME 12/23/70 0800    CC
     OFF-TIME 12/24/70 0800  SIZE   327 M3

CLARK STATION NEV                                 96250  0.9E00   1.1E00   ND       ND
102   ON-TIME 12/23/70 0800    PF
     OFF-TIME 12/24/70 0800  SIZE   327 M3
    103RU=0.1E00

CLARK STATION NEV                                 96567  3.7E00   ND       ND       ND
102   ON-TIME 12/24/70 0800    CC
     OFF-TIME 12/25/70 0800  SIZE   331 M3

CLARK STATION NEV                                 96251  0.6E00   ND       ND       ND
102   ON-TIME 12/24/70 0800    PF
     OFF-TIME 12/25/70 0800  SIZE   331 M3

CLARK STATION NEV                                 96568  3.0E00   ND       ND       ND
102   ON-TIME 12/25/70 0800    CC
     OFF-TIME 12/26/70 0800  SIZE   330 M3

CLARK STATION NEV                                 96252  0.7E00   0.9E00   ND       ND
102   ON-TIME 12/25/70 0800    PF
     OFF-TIME 12/26/70 0800  SIZE   330 M3
    103RU=0.1E00

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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MULATIVE NEVADA AIR RESULTS

                                LAB-NO.& 131I     132TE     133I      135I
                                USE CODE PCI/M3   PCI/M3    PCI/M3    PCI/M3

NEV                               95452   3.3E00   ND        1.2E01    ND
12/20/70 0800     CC
12/21/70 0800   SIZE   330 M3

NEV                               95467   1.2E00   2.8E00    3.3E00    ND
12/20/70 0800     PF
12/21/70 0800   SIZE   330 M3

NEV                               95453   1.8E00   ND        2.8E00    ND
12/21/70 0800     CC
12/22/70 0800   SIZE   320 M3

NEV                               95468   0.3E00   1.0E00    0.5E00    ND
12/21/70 0800     PF
12/22/70 0800   SIZE   320 M3

NEV                               96566   4.0E00   ND        ND        ND
12/23/70 0800     CC
12/24/70 0800   SIZE   327 M3

NEV                               96250   0.9E00   1.1E00    ND        ND
2/23/70 0800      PF
2/24/70 0800    SIZE   327 M3
0

NEV                               96567   3.7E00   ND        ND        ND
2/24/70 0800      CC
2/25/70 0800    SIZE   331 M3

EV                                96251   0.6E00   ND        ND        ND
2/24/70 0800      PF
2/25/70 0800    SIZE   331 M3

EV                                96568   3.0E00   ND        ND        ND
2/25/70 0800      CC
2/26/70 0800    SIZE   330 M3

EV                                96252   0.7E00   0.9E00    ND        ND
2/25/70 0800      PF
2/26/70 0800    SIZE   330 M3
0

HERWISE NOTED, RESULTS ARE
URIES PER UNIT OF SIZE,
IS IN GRAMS PER UNIT OF SIZE.
S THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION                                        LAB-NO.& 131I     132TE    133I
                                                USE CODE PCI/M3   PCI/M3   PCI/M3

CLARK STATION NEV                                96732   2.7E00   ND       ND
102   ON-TIME 12/26/70 0800     CC
     OFF-TIME 12/27/70 0800   SIZE  307 M3

CLARK STATION NEV                                96253   1.7E00   2.3E00   ND
102   ON-TIME 12/26/70 0800     PF
     OFF-TIME 12/27/70 0800   SIZE  307 M3
    103RU=0.9E00        140BA=0.3E00

CLARK STATION NEV                                96569   1.5E00   ND       ND
102   ON-TIME 12/27/70 0800     CC
     OFF-TIME 12/28/70 0800   SIZE  334 M3

CLARK STATION NEV                                96570   1.3E00   ND       ND
102   ON-TIME 12/28/70 0800     CC
     OFF-TIME 12/29/70 0800   SIZE  330 M3

CLARK STATION NEV                                96345   ND       ND       ND
102   ON-TIME 12/29/70 0800     PF
     OFF-TIME 12/30/70 0800   SIZE  335 M3
    GAMMA               SPECTRUM
    NEGLIGIBLE

COYOTE SUMMIT NEV KOYNES RES                     93845   ND       ND       2.6E01
802   ON-TIME 12/18/70 1115     CC
     OFF-TIME 12/18/70 2000   SIZE   37 M3

COYOTE SUMMIT NEV KOYNES RES                     93869   4.3E00   1.2E01   2.7E01
802   ON-TIME 12/18/70 1115     PF
     OFF-TIME 12/18/70 2000   SIZE   37 M3

COYOTE SUMMIT NEV KOYNES RES                     93897   ND       ND       ND
802   ON-TIME 12/18/70 2000     CC
     OFF-TIME 12/19/70 0120   SIZE   11 M3
    GAMMA               SPECTRUM
    NEGLIGIBLE

COYOTE SUMMIT NEV KOYNES RES                     93922   ND       ND       ND
802   ON-TIME 12/18/70 2000     PF
     OFF-TIME 12/19/70 0120   SIZE   11 M3
    GAMMA               SPECTRUM
    NEGLIGIBLE

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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RRY ACCUMULATIVE NEVADA AIR RESULTS

ON                                      LAB-NO.& 131I     132TE    133I     135I
                                        USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/M3

STATION NEV                              96732   2.7E00   ND       ND       ND
ON-TIME 12/26/70 0800     CC
FF-TIME 12/27/70 0800  SIZE   307 M3

STATION NEV                              96253   1.7E00   2.3E00   ND       ND
ON-TIME 12/26/70 0800     PF
FF-TIME 12/27/70 0800  SIZE   307 M3
3RU=0.9E00        140BA=0.3E00

STATION NEV                              96569   1.5E00   ND       ND       ND
ON-TIME 12/27/70 0800     CC
FF-TIME 12/28/70 0800  SIZE   334 M3

STATION NEV                              96570   1.3E00   ND       ND       ND
ON-TIME 12/28/70 0800     CC
FF-TIME 12/29/70 0800  SIZE   330 M3

STATION NEV                              96345   ND       ND       ND       ND
ON-TIME 12/29/70 0800     PF
FF-TIME 12/30/70 0800  SIZE   335 M3
MMA               SPECTRUM
GLIGIBLE

 SUMMIT NEV KOYNES RES                   93845   ND       ND       2.6E01   ND
ON-TIME 12/18/70 1115     CC
FF-TIME 12/18/70 2000  SIZE    37 M3

 SUMMIT NEV KOYNES RES                   93869   4.3E00   1.2E01   2.7E01   ND
ON-TIME 12/18/70 1115     PF
FF-TIME 12/18/70 2000  SIZE    37 M3

 SUMMIT NEV KOYNES RES                   93897   ND       ND       ND       ND
ON-TIME 12/18/70 2000     CC
FF-TIME 12/19/70 0120  SIZE    11 M3
MMA               SPECTRUM
GLIGIBLE

 SUMMIT NEV KOYNES RES                   93922   ND       ND       ND       ND
ON-TIME 12/18/70 2000     PF
FF-TIME 12/19/70 0120  SIZE    11 M3
MMA               SPECTRUM
GLIGIBLE

UNLESS OTHERWISE NOTED, RESULTS ARE
IN PICO-CURIES PER UNIT OF SIZE,
EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION                                      LAB-NO.& 131I     132TE    133I     135I
                                              USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/

COYOTE SUMMIT NEV HWY 25 GUNDERSON TO          93846   ND       ND       3.1E01   ND
803   ON-TIME 12/18/70 1053     CC
     OFF-TIME 12/18/70 2025  SIZE   24 M3

COYOTE SUMMIT NEV HWY25 GUNDERSON TO           93870   7.2E00   3.8E01   8.5E01   ND
803   ON-TIME 12/18/70 1053     PF
     OFF-TIME 12/18/70 2025  SIZE   24 M3

COYOTE SUMMIT NEV HWY 25 GUNDERSON TO          93899   ND       ND       ND       ND
803   ON-TIME 12/18/70 2025     CC.
     OFF-TIME 12/18/70 2256  SIZE    5 M3
    GAMMA                    SPECTRUM
    NEGLIGIBLE

COYOTE SUMMIT NEV HWY 25 GUNDERSON TO          93923   ND       1.2E01   1.3E01   ND
803   ON-TIME 12/18/70 2025     PF
     OFF-TIME 12/18/70 2256  SIZE    5 M3

COYOTE SUMMIT NEV                              93862   ND       ND       1.4E01   ND
973   ON-TIME 12/18/70 1000     CC
     OFF-TIME 12/18/70 2015  SIZE   42 M3

COYOTE SUMMIT NEV                              93873   ND       4.8E00   1.3E01   ND
973   ON-TIME 12/18/70 1000     PF
     OFF-TIME 12/18/70 2015  SIZE   42 M3

COYOTE SUMMIT NEV                              93898   1.2E00   ND       3.8E01   ND
973   ON-TIME 12/18/70 2030     CC
     OFF-TIME 12/19/70 0419  SIZE   17 M3

COYOTE SUMMIT NEV                              93925   ND       4.0E00   4.0E00   ND
973   ON-TIME 12/18/70 2030     PF
     OFF-TIME 12/19/70 0419  SIZE   17 M3

CURRANT NEV                                    93902   0.1E00   ND       4.3E00   ND
004   ON-TIME 12/18/70 0830     CC
     OFF-TIME 12/19/70 0740  SIZE  321 M3

CURRANT NEV                                    93916   3.6E00   2.2E01   3.0E01   ND
004   ON-TIME 12/18/70 0830     PF
     OFF-TIME 12/19/70 0740  SIZE  321 M3

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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ACCUMULATIVE NEVADA AIR RESULTS

                                 LAB-NO.& 131I     132TE    133I     135I
                                 USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/M3

MMIT NEV HWY 25 GUNDERSON TO      93846   ND       ND       3.1E01   ND
TIME 12/18/70 1053     CC
TIME 12/18/70 2025  SIZE   24 M3

MMIT NEV HWY25 GUNDERSON TO       93870   7.2E00   3.8E01   8.5E01   ND
TIME 12/18/70 1053     PF
TIME 12/18/70 2025  SIZE   24 M3

MMIT NEV HWY 25 GUNDERSON TO      93899   ND       ND       ND       ND
TIME 12/18/70 2025     CC
TIME 12/18/70 2256  SIZE    5 M3
               SPECTRUM
GIBLE

MMIT NEV HWY 25 GUNDERSON TO      93923   ND       1.2E01   1.3E01   ND
TIME 12/18/70 2025     PF
TIME 12/18/70 2256  SIZE    5 M3

MMIT NEV                          93862   ND       ND       1.4E01   ND
TIME 12/18/70 1000     CC
TIME 12/18/70 2015  SIZE   42 M3

MMIT NEV                          93873   ND       4.8E00   1.3E01   ND
TIME 12/18/70 1000     PF
TIME 12/18/70 2015  SIZE   42 M3

MMIT NEV                          93898   1.2E00   ND       3.8E01   ND
IME 12/18/70 2030     CC
IME 12/19/70 0419  SIZE   17 M3

MMIT NEV                          93925   ND       4.0E00   4.0E00   ND
IME 12/18/70 2030     PF
IME 12/19/70 0419  SIZE   17 M3

V                                 93902   0.1E00   ND       4.3E00   ND
IME 12/18/70 0830     CC
IME 12/19/70 0740  SIZE  321 M3

V                                 93916   3.6E00   2.2E01   3.0E01   ND
IME 12/18/70 0830     PF
IME 12/19/70 0740  SIZE  321 M3

SS OTHERWISE NOTED, RESULTS ARE
ICO-CURIES PER UNIT OF SIZE,
PT K IS IN GRAMS PER UNIT OF SIZE.
)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION
                                                LAB-NO.& 131I     132TE    133I     13
                                                USE CODE PCI/M3   PCI/M3   PCI/M3   PC
CURRANT NEV
004   ON-TIME 12/19/70 0740    CC                 95226   0.4E00   ND       2.4E00   ND
      OFF-TIME 12/20/70 0700  SIZE  317 M3

CURRANT NEV
004   ON-TIME 12/19/70 0740    PF                 95225   1.2E00   5.2E00   6.0E00   ND
      OFF-TIME 12/20/70 0700  SIZE  317 M3

CURRANT NEV
004   ON-TIME 12/20/70 0700    CC                 95831   0.6E00   ND       ND       ND
      OFF-TIME 12/22/70 0530  SIZE  629 M3

CURRANT NEV
004   ON-TIME 12/20/70 0700    PF                 95782   0.3E00   0.6E00   ND       ND
      OFF-TIME 12/22/70 0530  SIZE  629 M3

CURRANT NEV
004   ON-TIME 12/29/70 0645    CC                 96597   1.5E00   ND       ND       ND
      OFF-TIME 12/30/70 0655  SIZE  334 M3

BLUE EAGLE RANCH NEV
027   ON-TIME 12/18/70 1700    CC                 93906   2.2E00   ND       4.9E01   9.7E
      OFF-TIME 12/19/70 0935  SIZE  245 M3

BLUE EAGLE RANCH NEV
027   ON-TIME 12/18/70 1700    PF                 93919   1.8E01   8.9E01   1.6E02   6.0E
      OFF-TIME 12/19/70 0935  SIZE  245 M3
    239PU=LT1E-04          238PU=LT4E-04
    89SR=0.4E00            90SR=LT1E-02

BLUE EAGLE RANCH NEV
027   ON-TIME 12/19/70 0940    CC                 95192   6.0E00   ND       4.4E01   ND
      OFF-TIME 12/20/70 0745  SIZE  309 M3

BLUE EAGLE RANCH NEV
027   ON-TIME 12/19/70 0940    PF                 95191   2.1E01   8.4E01   9.8E01   ND
      OFF-TIME 12/20/70 0745  SIZE  309 M3

BLUE EAGLE RANCH NEV
027   ON-TIME 12/20/70 0745    CC                 95473   1.5E00   ND       4.0E00   ND
      OFF-TIME 12/21/70 0640  SIZE  319 M3

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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Y ACCUMULATIVE NEVADA AIR RESULTS

                               LAB-NO.& 131I    132TE   133I    135I
                               USE CODE PCI/M3  PCI/M3  PCI/M3  PCI/M3

NEV                              95226  0.4E00  ND      2.4E00  ND
-TIME 12/19/70 0740    CC
-TIME 12/20/70 0700  SIZE  317 M3

NEV                              95225  1.2E00  5.2E00  6.0E00  ND
-TIME 12/19/70 0740    PF
-TIME 12/20/70 0700  SIZE  317 M3

NEV                              95831  0.6E00  ND      ND      ND
-TIME 12/20/70 0700    CC
-TIME 12/22/70 0530  SIZE  629 M3

NEV                              95782  0.3E00  0.6E00  ND      ND
-TIME 12/20/70 0700    PF
-TIME 12/22/70 0530  SIZE  629 M3

NEV                              96597  1.5E00  ND      ND      ND
-TIME 12/29/70 0645    CC
-TIME 12/30/70 0655  SIZE  334 M3

LE RANCH NEV                     93906  2.2E00  ND      4.9E01  9.7E00
-TIME 12/18/70 1700    CC
-TIME 12/19/70 0935  SIZE  245 M3

LE RANCH NEV                     93919  1.8E01  8.9E01  1.6E02  6.0E01
-TIME 12/18/70 1700    PF
-TIME 12/19/70 0935  SIZE  245 M3
U=LT1E-04       238PU=LT4E-04
=0.4E00         90SR=LT1E-02

LE RANCH NEV                     95192  6.0E00  ND      4.4E01  ND
-TIME 12/19/70 0940    CC
-TIME 12/20/70 0745  SIZE  309 M3

LE RANCH NEV                     95191  2.1E01  8.4E01  9.8E01  ND
-TIME 12/19/70 0940    PF
-TIME 12/20/70 0745  SIZE  309 M3

LE RANCH NEV                     95473  1.5E00  ND      4.0E00  ND
-TIME 12/20/70 0745    CC
-TIME 12/21/70 0640  SIZE  319 M3

LESS OTHERWISE NOTED, RESULTS ARE
PICO-CURIES PER UNIT OF SIZE,
CEPT K IS IN GRAMS PER UNIT OF SIZE.
(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION                                  LAB-NO.& 131I     132TE    133I     135I
                                          USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/

BLUE EAGLE RANCH NEV                        95459  2.3E00   7.8E00   6.8E00   ND
027   ON-TIME 12/20/70 0745    PF
     OFF-TIME 12/21/70 0640  SIZE  319 M3

BLUE EAGLE RANCH NEV                        96291  0.8E00   ND       ND       ND
027   ON-TIME 12/21/70 0645    CC
     OFF-TIME 12/22/70 1305  SIZE  432 M3

BLUE EAGLE RANCH NEV                        95838  0.6E00   ND       ND       ND
027   ON-TIME 12/22/70 1305    CC
     OFF-TIME 12/23/70 1310  SIZE  353 M3

BLUE EAGLE RANCH NEV                        95832  ND       ND       ND       ND
027   ON-TIME 12/22/70 1305    PF
     OFF-TIME 12/23/70 1310  SIZE  353 M3
    GAMMA                  SPECTRUM
    NEGLIGIBLE

BLUE EAGLE RANCH NEV                        95836  0.6E00   ND       ND       ND
027   ON-TIME 12/23/70 1315    CC
     OFF-TIME 12/24/70 0930  SIZE  288 M3

BLUE EAGLE RANCH NEV                        95833  0.2E00   ND       ND       ND
027   ON-TIME 12/23/70 1315    PF
     OFF-TIME 12/24/70 0930  SIZE  288 M3

BLUE EAGLE RANCH NEV                        96562  0.9E00   ND       ND       ND
027   ON-TIME 12/24/70 0935    CC
     OFF-TIME 12/25/70 1500  SIZE  429 M3

CURRIE NEV                                  95947  3.0E00   1.3E01   ND       ND
111   ON-TIME 12/18/70 0758    PF
     OFF-TIME 12/18/70 1615  SIZE  128 M3
    103RU=0.5E00

CURRIE NEV                                  95952  4.1E00   ND       ND       ND
111   ON-TIME 12/19/70 0737    CC
     OFF-TIME 12/20/70 0827  SIZE  385 M3

CURRIE NEV                                  95948  0.4E00   1.5E00   ND       ND
111   ON-TIME 12/19/70 0737    PF
     OFF-TIME 12/20/70 0827  SIZE  385 M3

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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 ACCUMULATIVE NEVADA AIR RESULTS

                                      LAB-NO.& 131I     132TE    133I     135I
                                      USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/M3

E RANCH NEV                             95459   2.3E00   7.8E00   6.8E00   ND
TIME 12/20/70 0745     PF
TIME 12/21/70 0640  SIZE   319 M3

E RANCH NEV                             96291   0.8E00   ND       ND       ND
TIME 12/21/70 0645     CC
TIME 12/22/70 1305  SIZE   432 M3

E RANCH NEV                             95838   0.6E00   ND       ND       ND
TIME 12/22/70 1305     CC
TIME 12/23/70 1310  SIZE   353 M3

E RANCH NEV                             95832   ND       ND       ND       ND
TIME 12/22/70 1305     PF
TIME 12/23/70 1310  SIZE   353 M3
               SPECTRUM
GIBLE

E RANCH NEV                             95836   0.6E00   ND       ND       ND
TIME 12/23/70 1315     CC
TIME 12/24/70 0930  SIZE   288 M3

E RANCH NEV                             95833   0.2E00   ND       ND       ND
TIME 12/23/70 1315     PF
TIME 12/24/70 0930  SIZE   288 M3

E RANCH NEV                             96562   0.9E00   ND       ND       ND
TIME 12/24/70 0935     CC
TIME 12/25/70 1500  SIZE   429 M3

V                                       95947   3.0E00   1.3E01   ND       ND
TIME 12/18/70 0758     PF
TIME 12/18/70 1615  SIZE   128 M3
=0.5E00

V                                       95952   4.1E00   ND       ND       ND
TIME 12/19/70 0737     CC
TIME 12/20/70 0827  SIZE   385 M3

V                                       95948   0.4E00   1.5E00   ND       ND
TIME 12/19/70 0737     PF
TIME 12/20/70 0827  SIZE   385 M3

ESS OTHERWISE NOTED, RESULTS ARE
PICO-CURIES PER UNIT OF SIZE,
EPT K IS IN GRAMS PER UNIT OF SIZE.
X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION
                                             LAB-NO.& 131I     132TE     133I      1
                                             USE CODE PCI/M3   PCI/M3    PCI/M3    P

CURRIE NEV                                    95949    2.3E00   8.5E00    ND        N
111    ON-TIME 12/20/70 0829     PF
     OFF-TIME 12/21/70 0700  SIZE  351 M3
    141CE=0.4E00          103RU=0.6E00

DIABLO NEV                                    93901    ND       ND        ND        N
006    ON-TIME 12/17/70 0800     CC
     OFF-TIME 12/18/70 0800  SIZE  346 M3
    GAMMA                   SPECTRUM
    NEGLIGIBLE

DIABLO NEV                                    93917    ND       ND        ND        N
006    ON-TIME 12/17/70 0800     PF
     OFF-TIME 12/18/70 0800  SIZE  346 M3
    GAMMA                   SPECTRUM
    NEGLIGIBLE

DIABLO NEV                                    93907    3.8E00   ND        6.6E01    1.
006    ON-TIME 12/18/70 0800     CC
     OFF-TIME 12/19/70 0800  SIZE  347 M3

DIABLO NEV                                    93918    5.5E00   2.6E01    3.9E01    1.
006    ON-TIME 12/18/70 0800     PF
     OFF-TIME 12/19/70 0800  SIZE  347 M3

DIABLO NEV                                    95595    8.3E00   ND        5.3E01    ND
006    ON-TIME 12/19/70 0800     CC
     OFF-TIME 12/20/70 0800  SIZE  351 M3

DIABLO NEV                                    95550    7.5E00   3.2E01    5.7E01    ND
006    ON-TIME 12/19/70 0800     PF
     OFF-TIME 12/20/70 0800  SIZE  351 M3

DIABLO NEV                                    96293    3.7E00   ND        ND        ND
006    ON-TIME 12/20/70 0800     CC
     OFF-TIME 12/21/70 0800  SIZE  348 M3

DIABLO NEV                                    95928    1.1E00   3.4E00    ND        ND
006    ON-TIME 12/20/70 0800     PF
     OFF-TIME 12/21/70 0800  SIZE  348 M3
    103RU=0.3E00

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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ERRY ACCUMULATIVE NEVADA AIR RESULTS

ION                                          LAB-NO.& 131I     132TE    133I     135I
                                             USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/M3

 NEV                                          95949   2.3E00   8.5E00   ND       ND
 ON-TIME 12/20/70 0829    PF
FF-TIME 12/21/70 0700  SIZE   351 M3
1CE=0.4E00         103RU=0.6E00

 NEV                                          93901   ND       ND       ND       ND
 ON-TIME 12/17/70 0800    CC
FF-TIME 12/18/70 0800  SIZE   346 M3
MMA                SPECTRUM
GLIGIBLE

 NEV                                          93917   ND       ND       ND       ND
 ON-TIME 12/17/70 0800    PF
FF-TIME 12/18/70 0800  SIZE   346 M3
MMA                SPECTRUM
GLIGIBLE

 NEV                                          93907   3.8E00   ND       6.6E01   1.8E01
ON-TIME 12/18/70 0800     CC
FF-TIME 12/19/70 0800  SIZE   347 M3

 NEV                                          93918   5.5E00   2.6E01   3.9E01   1.6E01
ON-TIME 12/18/70 0800     PF
FF-TIME 12/19/70 0800  SIZE   347 M3

 NEV                                          95595   8.3E00   ND       5.3E01   ND
ON-TIME 12/19/70 0800     CC
FF-TIME 12/20/70 0800  SIZE   351 M3

 NEV                                          95550   7.5E00   3.2E01   5.7E01   ND
ON-TIME 12/19/70 0800     PF
FF-TIME 12/20/70 0800  SIZE   351 M3

 NEV                                          96293   3.7E00   ND       ND       ND
ON-TIME 12/20/70 0800     CC
FF-TIME 12/21/70 0800  SIZE   348 M3

 NEV                                          95928   1.1E00   3.4E00   ND       ND
ON-TIME 12/20/70 0800     PF
FF-TIME 12/21/70 0800  SIZE   348 M3
RU=0.3E00

NLESS OTHERWISE NOTED, RESULTS ARE
N PICO-CURIES PER UNIT OF SIZE,
XCEPT K IS IN GRAMS PER UNIT OF SIZE.
T(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION                                     LAB-NO.& 131I    132TE    133I     135I
                                             USE CODE PCI/M3  PCI/M3   PCI/M3   PCI/

DIABLO NEV                                     96295  2.0E00  ND       ND       ND
006   ON-TIME 12/21/70 0800    CC
     OFF-TIME 12/22/70 0800  SIZE  344 M3

DIABLO NEV                                     96549  4.1E00  ND       ND       ND
006   ON-TIME 12/22/70 0800    CC
     OFF-TIME 12/23/70 0800  SIZE  346 M3

DIABLO NEV                                     96550  2.2E00  ND       ND       ND
006   ON-TIME 12/23/70 0800    CC
     OFF-TIME 12/24/70 0800  SIZE  348 M3

DIABLO NEV                                     96551  2.5E00  ND       ND       ND
006   ON-TIME 12/25/70 0900    CC
     OFF-TIME 12/26/70 0700  SIZE  314 M3

DIABLO NEV                                     96552  1.5E00  ND       ND       ND
006   ON-TIME 12/26/70 0700    CC
     OFF-TIME 12/27/70 0800  SIZE  356 M3

DIABLO NEV                                     96183  0.5E00  ND       ND       ND
006   ON-TIME 12/26/70 0700    PF
     OFF-TIME 12/27/70 0800  SIZE  356 M3

DIABLO NEV                                     96598  1.4E00  ND       ND       ND
006   ON-TIME 12/27/70 0800    CC
     OFF-TIME 12/28/70 0800  SIZE  341 M3

DIABLO NEV                                     96599  0.9E00  ND       ND       ND
006   ON-TIME 12/30/70 0800    CC
     OFF-TIME 12/31/70 0800  SIZE  350 M3

DIABLO NEV                                     96600  0.6E00  ND       ND       ND
006   ON-TIME 12/31/70 0800    CC
     OFF-TIME 01/01/71 0800  SIZE  338 M3

DUCKWATER NEV                                  95008  ND      ND       ND       ND
110   ON-TIME 12/16/70 1900    PF
     OFF-TIME 12/17/70 2200  SIZE  369 M3
    GAMMA                  SPECTRUM
    NEGLIGIBLE

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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RY ACCUMULATIVE NEVADA AIR RESULTS

N
                                         LAB-NO.& 131I     132TE    133I     135I
                                         USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/M3
NEV
N-TIME 12/21/70 0800     CC                96295   2.0E00   ND       ND       ND
F-TIME 12/22/70 0800  SIZE   344 M3

NEV
N-TIME 12/22/70 0800     CC                96549   4.1E00   ND       ND       ND
F-TIME 12/23/70 0800  SIZE   346 M3

NEV
N-TIME 12/23/70 0800     CC                96550   2.2E00   ND       ND       ND
F-TIME 12/24/70 0800  SIZE   348 M3

NEV
N-TIME 12/25/70 0900     CC                96551   2.5E00   ND       ND       ND
F-TIME 12/26/70 0700  SIZE   314 M3

NEV
N-TIME 12/26/70 0700     CC                96552   1.5E00   ND       ND       ND
F-TIME 12/27/70 0800  SIZE   356 M3

NEV
-TIME 12/26/70 0700      PF                96183   0.5E00   ND       ND       ND
F-TIME 12/27/70 0800  SIZE   356 M3

EV
-TIME 12/27/70 0800      CC                96598   1.4E00   ND       ND       ND
-TIME 12/28/70 0800   SIZE   341 M3

EV
-TIME 12/30/70 0800      CC                96599   0.9E00   ND       ND       ND
-TIME 12/31/70 0800   SIZE   350 M3

EV
-TIME 12/31/70 0800      CC                96600   0.6E00   ND       ND       ND
-TIME 01/01/71 0800   SIZE   338 M3

 NEV
-TIME 12/16/70 1900      PF                95008   ND       ND       ND       ND
-TIME 12/17/70 2200   SIZE   369 M3
A
              SPECTRUM
IGIBLE

LESS OTHERWISE NOTED, RESULTS ARE
(PICO-CURIES PER UNIT OF SIZE.
EPT K IS IN GRAMS PER UNIT OF SIZE.
(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION                                     LAB-NO.& 131I     132TE    133I     13
                                             USE CODE PCI/M3   PCI/M3   PCI/M3   PC

DUCKWATER NEV                                 95009   2.3E01   1.0E02   1.9E02   ND
110    ON-TIME 12/18/70 0900     PF
     OFF-TIME 12/19/70 1025  SIZE  331 M3
    239PU=LT1E-04        238PU=LT4E-04
    89SR=0.4E00          90SR=0.1E-01

DUCKWATER NEV                                 95469   6.1E00   2.2E01   2.9E01   ND
110    ON-TIME 12/19/70 1045     PF
     OFF-TIME 12/20/70 1230  SIZE  345 M3

DUCKWATER NEV                                 95471   0.6E00   1.7E00   1.6E00   ND
110    ON-TIME 12/20/70 1230     PF
     OFF-TIME 12/21/70 0900  SIZE  294 M3

DUCKWATER NEV                                 95470   0.3E00   0.5E00   0.2E00   ND
110    ON-TIME 12/21/70 0900     PF
     OFF-TIME 12/22/70 0900  SIZE  322 M3

DUCKWATER NEV                                 95835   0.2E00   0.3E00   ND       ND
110    ON-TIME 12/22/70 0900     PF
     OFF-TIME 12/23/70 1800  SIZE  495 M3

DUCKWATER NEV                                 96255   0.5E00   ND       ND       ND
110    ON-TIME 12/26/70 1715     PF
     OFF-TIME 12/27/70 1900  SIZE  334 M3

ELKO NEV                                      95829   ND       ND       ND       ND
046    ON-TIME 12/19/70 1100     CC
     OFF-TIME 12/20/70 1225  SIZE  364 M3
    GAMMA                SPECTRUM
    NEGLIGIBLE

ELKO NEV                                      95772   6.3E00   2.4E01   ND       ND
046    ON-TIME 12/19/70 1100     PF
     OFF-TIME 12/20/70 1225  SIZE  364 M3

ELKO NEV                                      95569   3.0E00   4.8E00   1.1E01   ND
046    ON-TIME 12/20/70 1225     CC
     OFF-TIME 12/21/70 0900  SIZE  314 M3

ELKO NEV                                      95564   4.0E00   1.3E01   1.3E01   ND
046    ON-TIME 12/20/70 1225     PF
     OFF-TIME 12/21/70 0900  SIZE  314 M3

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE.
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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RY ACCUMULATIVE NEVADA AIR RESULTS

N                                          LAB-NO.& 131I     132TE    133I     135I
                                           USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/M3

ER NEV                                      95009    2.3E01   1.0E02   1.9E02   ND
N-TIME 12/18/70 0900     PF
F-TIME 12/19/70 1025  SIZE  331 M3
PU=LT1E-04        238PU=LT4E-04
R=0.4E00          90SR=0.1E-01

ER NEV                                      95469    6.1E00   2.2E01   2.9E01   ND
N-TIME 12/19/70 1045     PF
F-TIME 12/20/70 1230  SIZE  345 M3

ER NEV                                      95471    0.6E00   1.7E00   1.6E00   ND
N-TIME 12/20/70 1230     PF
F-TIME 12/21/70 0900  SIZE  294 M3

ER NEV                                      95470    0.3E00   0.5E00   0.2E00   ND
N-TIME 12/21/70 0900     PF
F-TIME 12/22/70 0900  SIZE  322 M3

ER NEV                                      95835    0.2E00   0.3E00   ND       ND
N-TIME 12/22/70 0900     PF
F-TIME 12/23/70 1800  SIZE  495 M3

ER NEV                                      96255    0.5E00   ND       ND       ND
N-TIME 12/26/70 1715     PF
F-TIME 12/27/70 1900  SIZE  334 M3

                                            95829    ND       ND       ND       ND
N-TIME 12/19/70 1100     CC
F-TIME 12/20/70 1225  SIZE  364 M3
A                 SPECTRUM
IGIBLE

                                            95772    6.3E00   2.4E01   ND       ND
-TIME 12/19/70 1100     PF
-TIME 12/20/70 1225  SIZE  364 M3

                                            95569    3.0E00   4.8E00   1.1E01   ND
-TIME 12/20/70 1225     CC
-TIME 12/21/70 0900  SIZE  314 M3

                                            95564    4.0E00   1.3E01   1.3E01   ND
-TIME 12/20/70 1225     PF
-TIME 12/21/70 0900  SIZE  314 M3

LESS OTHERWISE NOTED, RESULTS ARE
 PICO-CURIES PER UNIT OF SIZE.
CEPT K IS IN GRAMS PER UNIT OF SIZE.
(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION                                   LAB-NO.& 131I     132TE    133I     135I
                                           USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/

ELY NEV                                      93999  1.4E00   ND       1.7E01   ND
007    ON-TIME 12/18/70 1415     CC
      OFF-TIME 12/19/70 0900   SIZE   254 M3

ELY NEV                                      95012  1.7E01   8.9E01   1.6E02   ND
007    ON-TIME 12/18/70 1415     PF
      OFF-TIME 12/19/70 0900   SIZE   254 M3

ELY NEV                                      95579  6.2E00   ND       3.6E01   ND
007    ON-TIME 12/19/70 0900     CC
      OFF-TIME 12/20/70 1030   SIZE   334 M3

ELY NEV                                      95551  2.0E01   8.2E01   1.3E02   ND
007    ON-TIME 12/19/70 0900     PF
      OFF-TIME 12/20/70 1030   SIZE   334 M3

ELY NEV                                      95574  1.5E00   ND       5.3E00   ND
007    ON-TIME 12/20/70 1030     CC
      OFF-TIME 12/21/70 1445   SIZE   369 M3

ELY NEV                                      95561  0.4E00   0.9E00   0.9E00   ND
007    ON-TIME 12/20/70 1030     PF
      OFF-TIME 12/21/70 1445   SIZE   369 M3

ELY NEV                                      96048  2.6E00   8.7E00   ND       ND
007    ON-TIME 12/22/70 1500     CC
      OFF-TIME 12/23/70 0900   SIZE   236 M3

EUREKA NEV                                   95160  2.9E01   1.2E02   2.5E02   ND
026    ON-TIME 12/18/70 1500     PF
      OFF-TIME 12/19/70 0700   SIZE   346 M3
     103RU=5.2E00          239PU=0.3E-03
     238PU=LT4E-04         89SR=0.5E00
     90SR=LT1E-02

EUREKA NEV                                   93964  6.3E00   ND       9.9E01   ND
026    ON-TIME 12/19/70 0700     CC
      OFF-TIME 12/19/70 1330   SIZE    94 M3

EUREKA NEV                                   93981  3.2E01   1.4E02   2.5E02   ND
026    ON-TIME 12/19/70 0700     PF
      OFF-TIME 12/19/70 1330   SIZE    94 M3

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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RY ACCUMULATIVE NEVADA AIR RESULTS

N
                                        LAB-NO.& 131I     132TE    133I     135I
                                        USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/M3

                                         93999   1.4E00   ND       1.7E01   ND
N-TIME 12/18/70 1415     CC
F-TIME 12/19/70 0900   SIZE   254 M3

                                         95012   1.7E01   8.9E01   1.6E02   ND
N-TIME 12/18/70 1415     PF
F-TIME 12/19/70 0900   SIZE   254 M3

                                         95579   6.2E00   ND       3.6E01   ND
N-TIME 12/19/70 0900     CC
F-TIME 12/20/70 1030   SIZE   334 M3

                                         95551   2.0E01   8.2E01   1.3E02   ND
N-TIME 12/19/70 0900     PF
F-TIME 12/20/70 1030   SIZE   334 M3

                                         95574   1.5E00   ND       5.3E00   ND
N-TIME 12/20/70 1030     CC
F-TIME 12/21/70 1445   SIZE   369 M3

                                         95561   0.4E00   0.9E00   0.9E00   ND
N-TIME 12/20/70 1030     PF
F-TIME 12/21/70 1445   SIZE   369 M3

                                         96048   2.6E00   8.7E00   ND       ND
-TIME 12/22/70 1500      CC
-TIME 12/23/70 0900    SIZE   236 M3

EV                                       95160   2.9E01   1.2E02   2.5E02   ND
-TIME 12/18/70 1500      PF
-TIME 12/19/70 0700    SIZE   346 M3
U=5.2E00          239PU=0.3E-03
U=LT4E-04         89SR=0.5E00
=LT1E-02

EV                                       93964   6.3E00   ND       9.9E01   ND
-TIME 12/19/70 0700      CC
-TIME 12/19/70 1330    SIZE    94 M3

EV                                       93981   3.2E01   1.4E02   2.5E02   ND
-TIME 12/19/70 0700      PF
-TIME 12/19/70 1330    SIZE    94 M3

LESS OTHERWISE NOTED, RESULTS ARE
PICO-CURIES PER UNIT OF SIZE,
EPT K IS IN GRAMS PER UNIT OF SIZE.
(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION                                         LAB-NO.& 131I     132TE    133I
                                                 USE CODE PCI/M3   PCI/M3   PCI/M3

EUREKA NEV                                         95568   3.3E00   ND       3.2E01
026    ON-TIME 12/19/70 1335      CC
     OFF-TIME 12/20/70 0700   SIZE   252 M3

EUREKA NEV                                         95552   5.8E00   2.3E01   3.9E01
026    ON-TIME 12/19/70 1335      PF
     OFF-TIME 12/20/70 0700   SIZE   252 M3

EUREKA NEV                                         95573   3.3E00   ND       1.0E01
026    ON-TIME 12/20/70 0700      CC
     OFF-TIME 12/21/70 0700   SIZE   346 M3

EUREKA NEV                                         95563   1.4E00   3.9E00   4.7E00
026    ON-TIME 12/20/70 0700      PF
     OFF-TIME 12/21/70 0700   SIZE   346 M3

EUREKA NEV                                         96201   ND       ND       ND
026    ON-TIME 12/21/70 0700      CC
     OFF-TIME 12/22/70 0700   SIZE   346 M3
    GAMMA                    SPECTRUM
    NEGLIGIBLE

EUREKA NEV                                         96232   0.9E00   ND       ND
026    ON-TIME 12/22/70 0700      CC
     OFF-TIME 12/23/70 0700   SIZE   346 M3

EUREKA NEV                                         96290   1.1E00   ND       ND
026    ON-TIME 12/23/70 0700      CC
     OFF-TIME 12/24/70 0700   SIZE   346 M3

EUREKA NEV                                         96292   0.6E00   ND       ND
026    ON-TIME 12/24/70 0700      CC
     OFF-TIME 12/25/70 0700   SIZE   346 M3

FALLON NEV                                         93967   ND       ND       ND
040    ON-TIME 12/18/70 1040      CC
     OFF-TIME 12/19/70 0833   SIZE   314 M3
    GAMMA                    SPECTRUM
    NEGLIGIBLE

FALLON NEV                                         93983   ND       0.3E00   0.4E00
040    ON-TIME 12/18/70 1040      PF
     OFF-TIME 12/19/70 0833   SIZE   314 M3

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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ERRY ACCUMULATIVE NEVADA AIR RESULTS

ION
                                            LAB-NO.& 131I     132TE    133I     135I
                                            USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/M3
 NEV
 ON-TIME 12/19/70 1335     CC                95568    3.3E00   ND       3.2E01   ND
DFF-TIME 12/20/70 0700   SIZE   252 M3

 NEV
 ON-TIME 12/19/70 1335     PF                95552    5.8E00   2.3E01   3.9E01   ND
DFF-TIME 12/20/70 0700   SIZE   252 M3

 NEV
 ON-TIME 12/20/70 0700     CC                95573    3.3E00   ND       1.0E01   ND
DFF-TIME 12/21/70 0700   SIZE   346 M3

 NEV
ON-TIME 12/20/70 0700      PF                95563    1.4E00   3.9E00   4.7E00   ND
FF-TIME 12/21/70 0700    SIZE   346 M3

 NEV
ON-TIME 12/21/70 0700      CC                96201    ND       ND       ND       ND
FF-TIME 12/22/70 0700    SIZE   346 M3
MMA                   SPECTRUM
GLIGIBLE

 NEV
ON-TIME 12/22/70 0700      CC                96232    0.9E00   ND       ND       ND
FF-TIME 12/23/70 0700    SIZE   346 M3

 NEV
ON-TIME 12/23/70 0700      CC                96290    1.1E00   ND       ND       ND
F-TIME 12/24/70 0700     SIZE   346 M3

 NEV
N-TIME 12/24/70 0700       CC                96292    0.6E00   ND       ND       ND
F-TIME 12/25/70 0700     SIZE   346 M3

NEV
N-TIME 12/18/70 1040       CC                93967    ND       ND       ND       ND
F-TIME 12/19/70 0833     SIZE   314 M3
MA                    SPECTRUM
LIGIBLE

NEV
N-TIME 12/18/70 1040       PF                93983    ND       0.3E00   0.4E00   ND
F-TIME 12/19/70 0833     SIZE   314 M3

NLESS OTHERWISE NOTED, RESULTS ARE
N PICO-CURIES PER UNIT OF SIZE,
XCEPT K IS IN GRAMS PER UNIT OF SIZE.
T(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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LOCATION
                                          LAB-NO.& 131I    132TE   133I    135I
                                          USE CODE PCI/M3  PCI/M3  PCI/M3  PCI/

FALLON NEV                                 95830   3.1E00  ND      ND      ND
040   ON-TIME 12/19/70 0834     CC
     OFF-TIME 12/20/70 0930  SIZE  337 M3

FALLON NEV                                 95771   7.3E00  2.5E01  ND      ND
040   ON-TIME 12/19/70 0834     PF
     OFF-TIME 12/20/70 0930  SIZE  337 M3

FALLON NEV                                 95819   1.9E00  ND      ND      ND
040   ON-TIME 12/20/70 0931     CC
     OFF-TIME 12/21/70 0964  SIZE  318 M3

FALLON NEV                                 95780   1.4E00  4.3E00  1.6E01  ND
040   ON-TIME 12/20/70 0931     PF
     OFF-TIME 12/21/70 0904  SIZE  318 M3

FRENCHMAN STATION NEV                      95143   ND      ND      ND      ND
039   ON-TIME 12/18/70 1803     CC
     OFF-TIME 12/19/70 0730  SIZE  200 M3
    GAMMA                SPECTRUM
    NEGLIGIBLE

FRENCHMAN STATION NEV                      96224   2.3E01  8.3E01  ND      ND
039   ON-TIME 12/19/70 0733     CC
     OFF-TIME 12/20/70 0730  SIZE  730 M3

FRENCHMAN STATION NEV                      95954   1.8E01  6.4E01  ND      ND
039   ON-TIME 12/20/70 0733     CC
     OFF-TIME 12/21/70 0735  SIZE  363 M3

FRENCHMAN STATION NEV                      95955   2.0E00  6.5E00  ND      ND
039   ON-TIME 12/21/70 0738     CC
     OFF-TIME 12/22/70 0700  SIZE  350 M3

GEYSER MAINTENANCE STATION NEV             93995   0.4E00  ND      1.4E01  ND
103   ON-TIME 12/18/70 1602     CC
     OFF-TIME 12/19/70 1400  SIZE  318 M3

GEYSER MAINTENANCE STATION NEV             95013   2.3E01  1.2E02  1.8E02  ND
103   ON-TIME 12/18/70 1602     PF
     OFF-TIME 12/19/70 1400  SIZE  318 M3
    239PU=LT2E-04        238PU=LT5E-04
    89SR=0.5E00          90SR=0.1E-01

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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RY ACCUMULATIVE NEVADA AIR RESULTS

N
                                    LAB-NO.& 131I     132TE     133I      135I
                                    USE CODE PCI/M3   PCI/M3    PCI/M3    PCI/M3

 NEV                                  95830  3.1E00   ND        ND        ND
N-TIME 12/19/70 0834     CC
F-TIME 12/20/70 0930  SIZE   337 M3

 NEV                                  95771  7.3E00   2.5E01    ND        ND
N-TIME 12/19/70 0834     PF
F-TIME 12/20/70 0930  SIZE   337 M3

 NEV                                  95819  1.9E00   ND        ND        ND
N-TIME 12/20/70 0931     CC
F-TIME 12/21/70 0904  SIZE   318 M3

 NEV                                  95780  1.4E00   4.3E00    1.6E01    ND
N-TIME 12/20/70 0931     PF
F-TIME 12/21/70 0904  SIZE   318 M3

AN STATION NEV                        95143  ND       ND        ND        ND
N-TIME 12/18/70 1833     CC
F-TIME 12/19/70 0730  SIZE   200 M3
MA                SPECTRUM
LIGIBLE

AN STATION NEV                        96224  2.3E01   8.3E01    ND        ND
N-TIME 12/19/70 0733     CC
F-TIME 12/20/70 0730  SIZE   730 M3

AN STATION NEV                        95954  1.8E01   6.4E01    ND        ND
N-TIME 12/20/70 0733     CC
F-TIME 12/21/70 0735  SIZE   363 M3

AN STATION NEV                        95955  2.0E00   6.5E00    ND        ND
N-TIME 12/21/70 0738     CC
F-TIME 12/22/70 0700  SIZE   350 M3

MAINTENANCE STATION NEV               93995  0.4E00   ND        1.4E01    ND
N-TIME 12/18/70 1602     CC
F-TIME 12/19/70 1400  SIZE   318 M3

MAINTENANCE STATION NEV               95013  2.3E01   1.2E02    1.8E02    ND
N-TIME 12/18/70 1602     PF
F-TIME 12/19/70 1400  SIZE   318 M3
PU=LT2E-04        238PU=LT5E-04
=0.5E00           90SR=0.1E-01

LESS OTHERWISE NOTED, RESULTS ARE
 PICO-CURIES PER UNIT OF SIZE.
CEPT K IS IN GRAMS PER UNIT OF SIZE.
(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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LOCATION
                                           LAB-NO.& 131I     132TE    133I
                                           USE CODE PCI/M3   PCI/M3   PCI/M3

GEYSER MAINTENANCE STATION NEV               95953   7.0E00   ND       ND
103   ON-TIME 12/19/70 1400     CC
      OFF-TIME 12/20/70 1705  SIZE  383 M3

GEYSER MAINTENANCE STATION NEV               95945   2.7E01   1.2E02   ND
103   ON-TIME 12/19/70 1400     PF
      OFF-TIME 12/20/70 1705  SIZE  383 M3
    103RU=5.3E00         141CE=5.0E00

GOLDFIELD NEV                                95137   1.6E00   ND       7.3E01
011   ON-TIME 12/18/70 0800     CC
      OFF-TIME 12/19/70 0800  SIZE  335 M3

GOLDFIELD NEV                                95153   2.0E00   7.1E00   2.2E01
011   ON-TIME 12/18/70 0800     PF
      OFF-TIME 12/19/70 0800  SIZE  335 M3
    103RU=0.2E00

GOLDFIELD NEV                                95826   3.7E00   ND       2.9E01
011   ON-TIME 12/19/70 0800     CC
      OFF-TIME 12/20/70 0800  SIZE  335 M3

GOLDFIELD NEV                                95766   3.4E00   1.3E01   ND
011   ON-TIME 12/19/70 0800     PF
      OFF-TIME 12/20/70 0800  SIZE  335 M3

GOLDFIELD NEV                                96207   1.2E00   ND       ND
011   ON-TIME 12/20/70 0800     CC
      OFF-TIME 12/21/70 0800  SIZE  335 M3

GOLDFIELD NEV                                96190   ND       ND       ND
011   ON-TIME 12/22/70 0800     CC
      OFF-TIME 12/23/70 0800  SIZE  335 M3
    GAMMA                    SPECTRUM
    NEGLIGIBLE

GOLDFIELD NEV                                96222   0.8E00   ND       ND
011   ON-TIME 12/23/70 0800     CC
      OFF-TIME 12/24/70 0800  SIZE  335 M3

GROOM LAKE NEV                               96213   0.6E00   ND       ND
030   ON-TIME 12/19/70 0735     CC
      OFF-TIME 12/23/70 1220  SIZE 1438 M3

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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RY ACCUMULATIVE NEVADA AIR RESULTS

N                                          LAB-NO.& 131I     132TE     133I      135I
                                           USE CODE PCI/M3   PCI/M3    PCI/M3    PCI/M3

 MAINTENANCE STATION NEV                     95953   7.0E00   ND        ND        ND
N-TIME 12/19/70 1400     CC
F-TIME 12/20/70 1705  SIZE  383 M3

 MAINTENANCE STATION NEV                     95945   2.7E01   1.2E02    ND        ND
N-TIME 12/19/70 1400     PF
F-TIME 12/20/70 1705  SIZE  383 M3
RU=5.3E00          141CE=5.0E00

LD NEV                                       95137   1.6E00   ND        7.3E01    ND
N-TIME 12/18/70 0800     CC
F-TIME 12/19/70 0800  SIZE  335 M3

LD NEV                                       95153   2.0E00   7.1E00    2.2E01    ND
N-TIME 12/18/70 0800     PF
F-TIME 12/19/70 0800  SIZE  335 M3
RU=0.2E00

LD NEV                                       95826   3.7E00   ND        2.9E01    ND
N-TIME 12/19/70 0800     CC
F-TIME 12/20/70 0800  SIZE  335 M3

LD NEV                                       95766   3.4E00   1.3E01    ND        ND
N-TIME 12/19/70 0800     PF
F-TIME 12/20/70 0800  SIZE  335 M3

LD NEV                                       96207   1.2E00   ND        ND        ND
N-TIME 12/20/70 0800     CC
F-TIME 12/21/70 0800  SIZE  335 M3

LD NEV                                       96190   ND       ND        ND        ND
N-TIME 12/22/70 0800     CC
F-TIME 12/23/70 0800  SIZE  335 M3
MA                 SPECTRUM
LIGIBLE

LD NEV                                       96222   0.8E00   ND        ND        ND
N-TIME 12/23/70 0800     CC
F-TIME 12/24/70 0800  SIZE  335 M3

AXE NEV                                      96213   0.6E00   ND        ND        ND
N-TIME 12/19/70 0735     CC
F-TIME 12/23/70 1220  SIZE 1438 M3

NLESS OTHERWISE NOTED, RESULTS ARE
N PICO-CURIES PER UNIT OF SIZE,
XCEPT K IS IN GRAMS PER UNIT OF SIZE.
T(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION                                   LAB-NO.& 131I    132TE   133I    135
                                           USE CODE PCI/M3  PCI/M3  PCI/M3  PCI

GROOM LAKE NEV                              96563   0.6E00  ND      ND      ND
030   ON-TIME 12/23/70 1220     CC
     OFF-TIME 12/28/70 1200  SIZE 1438 M3

HANCOCK SUMMIT NEV 10 MI N                  93861   ND      ND      ND      ND
804   ON-TIME 12/18/70 1025     CC
     OFF-TIME 12/18/70 2053  SIZE   27 M3
    GAMMA                   SPECTRUM
    NEGLIGIBLE

HANCOCK SUMMIT NEV 10MI N                   93871   ND      ND      ND      ND
804   ON-TIME 12/18/70 1025     PF
     OFF-TIME 12/18/70 2053  SIZE   27 M3
    GAMMA                   SPECTRUM
    NEGLIGIBLE

HANCOCK SUMMIT NEV 10 MI N                  95345   ND      ND      ND      ND
804   ON-TIME 12/18/70 2110     CC
     OFF-TIME 12/19/70 0116  SIZE    9 M3
    GAMMA                   SPECTRUM
    NEGLIGIBLE

HANCOCK SUMMIT NEV 10 MI N                  95347   ND      ND      ND      ND
804   ON-TIME 12/18/70 2110     PF
     OFF-TIME 12/19/70 0116  SIZE    9 M3
    GAMMA                   SPECTRUM
    NEGLIGIBLE

HANCOCK SUMMIT NEV                          95213   ND      ND      ND      ND
972   ON-TIME 12/19/70 1340     CC
     OFF-TIME 12/20/70 1240  SIZE   48 M3
    GAMMA                   SPECTRUM
    NEGLIGIBLE

HANCOCK SUMMIT NEV                          95214   1.2E00  4.4E00  4.6E00  ND
972   ON-TIME 12/19/70 1340     PF
     OFF-TIME 12/20/70 1240  SIZE   48 M3

HIKO NEV                                    93855   ND      ND      ND      ND
012   ON-TIME 12/18/70 0900     CC
     OFF-TIME 12/18/70 2005  SIZE  157 M3
    GAMMA                   SPECTRUM
    NEGLIGIBLE

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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ERRY ACCUMULATIVE NEVADA AIR RESULTS

TION                                     LAB-NO.& 131I     132TE    133I     135I
                                         USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/M3

 LAKE NEV                                  96563  0.6E00   ND       ND       ND
 ON-TIME 12/23/70 1220     CC
OFF-TIME 12/28/70 1200  SIZE 1438 M3

CK SUMMIT NEV 10 MI N                      93861  ND       ND       ND       ND
 ON-TIME 12/18/70 1025     CC
OFF-TIME 12/18/70 2053  SIZE   27 M3
AMMA                 SPECTRUM
EGLIGIBLE

CK SUMMIT NEV 10MI N                       93871  ND       ND       ND       ND
 ON-TIME 12/18/70 1025     PF
OFF-TIME 12/18/70 2053  SIZE   27 M3
AMMA                 SPECTRUM
EGLIGIBLE

CK SUMMIT NEV 10 MI N                      95345  ND       ND       ND       ND
 ON-TIME 12/18/70 2110     CC
OFF-TIME 12/19/70 0116  SIZE    9 M3
AMMA                 SPECTRUM
EGLIGIBLE

CK SUMMIT NEV 10 MI N                      95347  ND       ND       ND       ND
 ON-TIME 12/18/70 2110     PF
OFF-TIME 12/19/70 0116  SIZE    9 M3
AMMA                 SPECTRUM
EGLIGIBLE

CK SUMMIT NEV                              95213  ND       ND       ND       ND
 ON-TIME 12/19/70 1340     CC
OFF-TIME 12/20/70 1240  SIZE   48 M3
AMMA                 SPECTRUM
EGLIGIBLE

CK SUMMIT NEV                              95214  1.2E00   4.4E00   4.6E00   ND
 ON-TIME 12/19/70 1340     PF
OFF-TIME 12/20/70 1240  SIZE   48 M3

EV                                         93855  ND       ND       ND       ND
 ON-TIME 12/18/70 0900     CC
OFF-TIME 12/18/70 2005  SIZE  157 M3
MMA                  SPECTRUM
GLIGIBLE

-UNLESS OTHERWISE NOTED, RESULTS ARE
 IN PICO-CURIES PER UNIT OF SIZE,
 EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
 LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION
                                              LAB-NO.& 131I     132TE    133I     I
                                              USE CODE PCI/M3   PCI/M3   PCI/M3   P

HIKO NEV                                         93878  ND       ND       ND       N
012   ON-TIME 12/18/70 0900    PF
     OFF-TIME 12/18/70 2005  SIZE  157 M3
    GAMMA                  SPECTRUM
    NEGLIGIBLE

HIKO NEV                                         93856  ND       ND       3.7E00   N
012   ON-TIME 12/18/70 2008    CC
     OFF-TIME 12/19/70 0900  SIZE  183 M3

HIKO NEV                                         93877  2.5E00   8.2E00   1.6E01   N
012   ON-TIME 12/18/70 2008    PF
     OFF-TIME 12/19/70 0900  SIZE  183 M3

HIKO NEV                                         95055  0.1E00   ND       1.3E00   ND
012   ON-TIME 12/19/70 0900    CC
     OFF-TIME 12/20/70 0900  SIZE  346 M3

HIKO NEV                                         95053  2.0E00   1.4E01   9.5E00   ND
012   ON-TIME 12/19/70 0900    PF
     OFF-TIME 12/20/70 0900  SIZE  346 M3

HIKO NEV                                         95228  ND       ND       ND       ND
012   ON-TIME 12/20/70 0900    CC
     OFF-TIME 12/21/70 0900  SIZE  346 M3
    GAMMA                  SPECTRUM
    NEGLIGIBLE

HIKO NEV                                         95227  0.1E00   1.0E00   0.3E00   ND
012   ON-TIME 12/20/70 0900    PF
     OFF-TIME 12/21/70 0900  SIZE  346 M3

HIKO NEV                                         95480  ND       ND       ND       ND
012   ON-TIME 12/21/70 0900    CC
     OFF-TIME 12/22/70 0843  SIZE  340 M3
    GAMMA                  SPECTRUM
    NEGLIGIBLE

HIKO NEV                                         95455  ND       ND       ND       ND
012   ON-TIME 12/21/70 0900    PF
     OFF-TIME 12/22/70 0843  SIZE  340 M3
    GAMMA                  SPECTRUM
    NEGLIGIBLE

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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Y ACCUMULATIVE NEVADA AIR RESULTS

                                               LAB-NO.& 131I    132TE    133I     135I
                                               USE CODE PCI/M3  PCI/M3   PCI/M3   PCI/M3

                                                 93878   ND       ND       ND       ND
-TIME 12/18/70 0900     PF
-TIME 12/18/70 2005  SIZE   157 M3
A               SPECTRUM
IGIBLE

                                                 93856   ND       ND       3.7E00   ND
-TIME 12/18/70 2008     CC
-TIME 12/19/70 0900  SIZE   183 M3

                                                 93877   2.5E00   8.2E00   1.6E01   ND
-TIME 12/18/70 2008     PF
-TIME 12/19/70 0900  SIZE   183 M3

                                                 95055   0.1E00   ND       1.3E00   ND
-TIME 12/19/70 0900     CC
-TIME 12/20/70 0900  SIZE   346 M3

                                                 95053   2.0E00   1.4E01   9.5E00   ND
TIME 12/19/70 0900      PF
TIME 12/20/70 0900   SIZE   346 M3

                                                 95228   ND       ND       ND       ND
TIME 12/20/70 0900      CC
TIME 12/21/70 0900   SIZE   346 M3
                SPECTRUM
GIBLE

                                                 95227   0.1E00   1.0E00   0.3E00   ND
TIME 12/20/70 0900      PF
TIME 12/21/70 0900   SIZE   346 M3

                                                 95480   ND       ND       ND       ND
TIME 12/21/70 0900      CC
TIME 12/22/70 0843   SIZE   340 M3
                SPECTRUM
GIBLE

                                                 95455   ND       ND       ND       ND
TIME 12/21/70 0900      PF
TIME 12/22/70 0843   SIZE   340 M3
                SPECTRUM
SIBLE

ESS OTHERWISE NOTED, RESULTS ARE
PICO-CURIES PER UNIT OF SIZE,
EPT K IS IN GRAMS PER UNIT OF SIZE.
X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION                                          LAB-NO.& 131I    132TE    133I     135I
                                                  USE CODE PCI/M3  PCI/M3   PCI/M3   PCI/

HIKO NEV                                           96735   ND       ND       ND       ND
012    ON-TIME 01/10/71 0900     PF
     OFF-TIME 01/11/71 0900  SIZE  346 M3
    GAMMA                  SPECTRUM
    NEGLIGIBLE

INDIAN SPRINGS NEV                                 95145   ND       ND       ND       ND
013    ON-TIME 12/18/70 0800     CC
     OFF-TIME 12/19/70 0800  SIZE  335 M3
    GAMMA                  SPECTRUM
    NEGLIGIBLE

INDIAN SPRINGS NEV                                 95154   ND       ND       ND       ND
013    ON-TIME 12/18/70 0800     PF
     OFF-TIME 12/19/70 0800  SIZE  335 M3
    GAMMA                  SPECTRUM
    NEGLIGIBLE

INDIAN SPRINGS NEV                                 96601   ND       ND       ND       ND
013    ON-TIME 01/05/71 0800     CC
     OFF-TIME 01/06/71 0800  SIZE  346 M3
    GAMMA                  SPECTRUM
    NEGLIGIBLE

INDIAN SPRINGS NEV                                 96736   ND       ND       ND       ND
013    ON-TIME 01/10/71 0800     PF
     OFF-TIME 01/11/71 0800  SIZE  335 M3
    GAMMA                  SPECTRUM
    NEGLIGIBLE

LAS VEGAS NEV                                      95125   ND       ND       ND       ND
014    ON-TIME 12/18/70 0938     CC
     OFF-TIME 12/21/70 0945  SIZE  977 M3
    GAMMA                  SPECTRUM
    NEGLIGIBLE

LAS VEGAS NEV                                      95126   ND       ND       ND       ND
014    ON-TIME 12/18/70 0938     PF
     OFF-TIME 12/21/70 0945  SIZE  977 M3
    GAMMA                  SPECTRUM
    NEGLIGIBLE

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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CCUMULATIVE NEVADA AIR RESULTS

                                 LAB-NO.& 131I     132TE    133I     135I
                                 USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/M3

                                   96735   ND       ND       ND       ND
ME 01/10/71 0900     PF
ME 01/11/71 0900  SIZE  346 M3
               SPECTRUM
BLE

NGS NEV                            95145   ND       ND       ND       ND
ME 12/18/70 0800     CC
ME 12/19/70 0800  SIZE  335 M3
               SPECTRUM
BLE

NGS NEV                            95154   ND       ND       ND       ND
ME 12/18/70 0800     PF
ME 12/19/70 0800  SIZE  335 M3
               SPECTRUM
BLE

NGS NEV                            96601   ND       ND       ND       ND
ME 01/05/71 0800     CC
ME 01/06/71 0800  SIZE  346 M3
               SPECTRUM
BLE

NGS NEV                            96736   ND       ND       ND       ND
ME 01/10/71 0800     PF
ME 01/11/71 0800  SIZE  335 M3
               SPECTRUM
BLE

EV                                 95125   ND       ND       ND       ND
ME 12/18/70 0938     CC
ME 12/21/70 0945  SIZE  977 M3
               SPECTRUM
BLE

EV                                 95126   ND       ND       ND       ND
ME 12/18/70 0938     PF
ME 12/21/70 0945  SIZE  977 M3
               SPECTRUM
BLE

S OTHERWISE NOTED, RESULTS ARE
CO-CURIES PER UNIT OF SIZE.
T K IS IN GRAMS PER UNIT OF SIZE.
=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION
                                         LAB-NO.& 131I    132TE    133I     13
                                         USE CODE PCI/M3  PCI/M3   PCI/M3   PC

LAS VEGAS NEV                             95545    ND       ND       ND       ND
014   ON-TIME 12/22/70 0915    CC
     OFF-TIME 12/23/70 1015  SIZE  338 M3
    GAMMA               SPECTRUM
    NEGLIGIBLE

LAS VEGAS NEV                             95548    ND       ND       ND       ND
014   ON-TIME 12/22/70 0915    PF
     OFF-TIME 12/23/70 1015  SIZE  338 M3
    GAMMA               SPECTRUM
    NEGLIGIBLE

LAS VEGAS NEV                             96739    ND       ND       ND       ND
014   ON-TIME 01/10/71 0800    PF
     OFF-TIME 01/11/71 0800  SIZE  356 M3
    GAMMA               SPECTRUM
    NEGLIGIBLE

LAS VEGAS NEV                             96737    ND       ND       ND       ND
014   ON-TIME 01/08/71 0906    PF
     OFF-TIME 01/11/71 0945  SIZE  919 M3
    GAMMA               SPECTRUM
    NEGLIGIBLE

LAS VEGAS NEV                             96738    ND       ND       ND       ND
014   ON-TIME 01/11/71 0950    PF
     OFF-TIME 01/12/71 0835  SIZE  289 M3
    GAMMA               SPECTRUM
    NEGLIGIBLE

LATHROP WELLS NEV                         95155    ND       ND       ND       ND
015   ON-TIME 12/18/70 0630    PF
     OFF-TIME 12/19/70 0630  SIZE  356 M3
    GAMMA               SPECTRUM
    NEGLIGIBLE

LATHROP WELLS NEV                         96195    ND       ND       ND       ND
015   ON-TIME 12/23/70 0630    CC
     OFF-TIME 12/24/70 0630  SIZE  346 M3
    GAMMA               SPECTRUM
    NEGLIGIBLE

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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ACCUMULATIVE NEVADA AIR RESULTS

                                       LAB-NO.& 131I     132TE    133I     135I
                                       USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/M3

NEV                                     95545    ND        ND       ND       ND
IME 12/22/70 0915     CC
IME 12/23/70 1015  SIZE  338 M3
             SPECTRUM
IBLE

NEV                                     95548    ND        ND       ND       ND
IME 12/22/70 0915     PF
IME 12/23/70 1015  SIZE  338 M3
             SPECTRUM
IBLE

EV                                      96739    ND        ND       ND       ND
ME 01/10/71 0800      PF
ME 01/11/71 0800   SIZE  356 M3
             SPECTRUM
IBLE

EV                                      96737    ND        ND       ND       ND
ME 01/08/71 0906      PF
ME 01/11/71 0945   SIZE  919 M3
             SPECTRUM
IBLE

EV                                      96738    ND        ND       ND       ND
ME 01/11/71 0950      PF
ME 01/12/71 0835   SIZE  289 M3
             SPECTRUM
BLE

LS NEV                                  95155    ND        ND       ND       ND
ME 12/18/70 0630      PF
ME 12/19/70 0630   SIZE  356 M3
             SPECTRUM
BLE

LS NEV                                  96195    ND        ND       ND       ND
E 12/23/70 0630       CC
E 12/24/70 0630    SIZE  346 M3
             SPECTRUM
BLE

S OTHERWISE NOTED, RESULTS ARE
CO-CURIES PER UNIT OF SIZE,
 K IS IN GRAMS PER UNIT OF SIZE.
LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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LOCATION                                     LAB-NO.& 131I    132TE    133I     13
                                             USE CODE PCI/M3  PCI/M3   PCI/M3   PC

LATHROP WELLS NEV                              96557  ND      ND       ND       ND
015   ON-TIME 12/25/70 1130     CC
     OFF-TIME 12/26/70 0730  SIZE  288 M3
    GAMMA                   SPECTRUM
    NEGLIGIBLE

LIDA NEV                                       96047  9.6E00  ND       ND       ND
034   ON-TIME 12/19/70 0635     CC
     OFF-TIME 12/20/70 0800  SIZE  386 M3

LIDA NEV                                       95998  1.7E00  4.9E00   ND       ND
034   ON-TIME 12/19/70 0635     PF
     OFF-TIME 12/20/70 0800  SIZE  386 M3
    103RU=0.3E00

LIDA NEV                                       96196  ND      ND       ND       ND
034   ON-TIME 12/20/70 0800     CC
     OFF-TIME 12/21/70 0715  SIZE  356 M3
    GAMMA                   SPECTRUM
    NEGLIGIBLE

LIDA NEV                                       96203  1.1E00  ND       ND       ND
034   ON-TIME 12/21/70 0715     CC
     OFF-TIME 12/22/70 0930  SIZE  398 M3

LIDA NEV                                       96208  ND      ND       ND       ND
034   ON-TIME 12/22/70 0930     CC
     OFF-TIME 12/23/70 1054  SIZE 1054 M3
    GAMMA                   SPECTRUM
    NEGLIGIBLE

LIDA NEV                                       96216  0.6E00  ND       ND       ND
034   ON-TIME 12/23/70 1050     CC
     OFF-TIME 12/24/70 1015  SIZE  356 M3

LOVELOCK NEV                                   95122  ND      ND       ND       ND
099   ON-TIME 12/18/70 1000     CC
     OFF-TIME 12/19/70 1000  SIZE  356 M3
    GAMMA                   SPECTRUM
    NEGLIGIBLE

LOVELOCK NEV                                   95582  2.8E00  1.1E00   2.9E01   ND
099   ON-TIME 12/19/70 1000     CC
     OFF-TIME 12/20/70 1000  SIZE  356 M3

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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ACCUMULATIVE NEVADA AIR RESULTS

                                   LAB-NO.& 131I     132TE    133I     135I
                                   USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/M3

ELLS NEV                             96557  ND       ND       ND       ND
TIME 12/25/70 1130     CC
TIME 12/26/70 0730  SIZE  288 M3
                SPECTRUM
GIBLE

                                     96047  9.6E00   ND       ND       ND
TIME 12/19/70 0635     CC
TIME 12/20/70 0800  SIZE  386 M3

                                     95998  1.7E00   4.9E00   ND       ND
TIME 12/19/70 0635     PF
TIME 12/20/70 0800  SIZE  386 M3
=0.3E00

                                     96196  ND       ND       ND       ND
TIME 12/20/70 0800     CC
TIME 12/21/70 0715  SIZE  356 M3
                SPECTRUM
GIBLE

                                     96203  1.1E00   ND       ND       ND
TIME 12/21/70 0715     CC
TIME 12/22/70 0930  SIZE  398 M3

                                     96208  ND       ND       ND       ND
TIME 12/22/70 0930     CC
TIME 12/23/70 1054  SIZE 1054 M3
                SPECTRUM
GIBLE

                                     96216  0.6E00   ND       ND       ND
TIME 12/23/70 1050     CC
TIME 12/24/70 1015  SIZE  356 M3

NEV                                  95122  ND       ND       ND       ND
TIME 12/18/70 1000     CC
TIME 12/19/70 1000  SIZE  356 M3
                SPECTRUM
GIBLE

NEV                                  95582  2.8E00   1.1E00   2.9E01   ND
TIME 12/19/70 1000     CC
TIME 12/20/70 1000  SIZE  356 M3

ESS OTHERWISE NOTED, RESULTS ARE
PICO-CURIES PER UNIT OF SIZE.
EPT K IS IN GRAMS PER UNIT OF SIZE.
X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION                                          LAB-NO.& 131I     132TE    133I     13
                                                  USE CODE PCI/M3   PCI/M3   PCI/M3   PC

LOVELOCK NEV                                       95557   1.0E01   3.9E01   6.9E01   ND
099   ON-TIME 12/19/70 1000     PF
     OFF-TIME 12/20/70 1000   SIZE   356 M3

LOVELOCK NEV                                       96210   3.2E00   ND       ND       ND
099   ON-TIME 12/20/70 1000     CC
     OFF-TIME 12/21/70 1000   SIZE   356 M3

LOVELOCK NEV                                       95941   2.7E00   9.5E00   ND       ND
099   ON-TIME 12/20/70 1000     PF
     OFF-TIME 12/21/70 1000   SIZE   356 M3
    141CE=0.4E00          103RU=0.6E00

LOVELOCK NEV                                       96206   ND       ND       ND       ND
099   ON-TIME 12/21/70 1000     CC
     OFF-TIME 12/22/70 1000   SIZE   356 M3
    GAMMA                 SPECTRUM
    NEGLIGIBLE

LUND NEV                                           94000   ND       ND       1.2E00   ND
016   ON-TIME 12/18/70 0748     CC
     OFF-TIME 12/18/70 2115   SIZE   206 M3

LUND NEV                                           95007   ND       0.6E00   1.5E00   ND
016   ON-TIME 12/18/70 0748     PF
     OFF-TIME 12/18/70 2115   SIZE   206 M3

LUND NEV                                           96221   ND       ND       ND       ND
016   ON-TIME 12/18/70 2120     CC
     OFF-TIME 12/19/70 0753   SIZE   162 M3
    GAMMA                 SPECTRUM
    NEGLIGIBLE

LUND NEV                                           95156   3.7E01   1.6E02   3.5E02   ND
016   ON-TIME 12/18/70 2120     PF
     OFF-TIME 12/19/70 0753   SIZE   162 M3
    103RU=5.2E00

LUND NEV                                           95232   1.0E00   ND       6.3E00   ND
016   ON-TIME 12/19/70 0753     CC
     OFF-TIME 12/20/70 0818   SIZE   372 M3

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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RY ACCUMULATIVE NEVADA AIR RESULTS

N                                        LAB-NO.& 131I    132TE    133I     135I
                                         USE CODE PCI/M3  PCI/M3   PCI/M3   PCI/M3

K NEV                                     95557   1.0E01   3.9E01   6.9E01   ND
N-TIME 12/19/70 1000     PF
F-TIME 12/20/70 1000  SIZE  356 M3

K NEV                                     96210   3.2E00   ND       ND       ND
N-TIME 12/20/70 1000     CC
F-TIME 12/21/70 1000  SIZE  356 M3

K NEV                                     95941   2.7E00   9.5E00   ND       ND
N-TIME 12/20/70 1000     PF
F-TIME 12/21/70 1000  SIZE  356 M3
CE=0.4E00         103RU=0.6E00

K NEV                                     96206   ND       ND       ND       ND
N-TIME 12/21/70 1000     CC
F-TIME 12/22/70 1000  SIZE  356 M3
MA                SPECTRUM
LIGIBLE

V                                         94000   ND                1.2E00   ND
N-TIME 12/18/70 0748     CC
F-TIME 12/18/70 2115  SIZE  206 M3

V                                         95007   ND       0.6E00   1.5E00   ND
N-TIME 12/18/70 0748     PF
F-TIME 12/18/70 2115  SIZE  206 M3

V                                         96221   ND       ND       ND       ND
N-TIME 12/18/70 2120     CC
F-TIME 12/19/70 0753  SIZE  162 M3
MA                SPECTRUM
LIGIBLE

V                                         95156   3.7E01   1.6E02   3.5E02   ND
N-TIME 12/18/70 2120     PF
F-TIME 12/19/70 0753  SIZE  162 M3
RU=5.2E00

V                                         95232   1.0E00   ND       6.3E00   ND
N-TIME 12/19/70 0753     CC
F-TIME 12/20/70 0810  SIZE  372 M3

LESS OTHERWISE NOTED, RESULTS ARE
 PICO-CURIES PER UNIT OF SIZE.
CEPT K IS IN GRAMS PER UNIT OF SIZE.
(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION                                     LAB-NO.& 131I     132TE    133I     135I
                                             USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/

LUND NEV                                      95231   4.8E00   2.0E01   2.3E01   ND
016    ON-TIME 12/19/70 0753     PF
      OFF-TIME 12/20/70 0818  SIZE   372 M3

MESQUITE NEV                                  95124   ND       ND       ND       ND
017    ON-TIME 12/18/70 1000     CC
      OFF-TIME 12/19/70 0800  SIZE   346 M3
     GAMMA                  SPECTRUM
     NEGLIGIBLE

MESQUITE NEV                                  95157   ND       ND       ND       ND
017    ON-TIME 12/18/70 0800     PF
      OFF-TIME 12/19/70 0800  SIZE   346 M3
     GAMMA                  SPECTRUM
     NEGLIGIBLE

MESQUITE NEV                                  95218   ND       ND       ND       ND
017    ON-TIME 12/19/70 0800     CC
      OFF-TIME 12/19/70 1525  SIZE   107 M3
     GAMMA                  SPECTRUM
     NEGLIGIBLE

MESQUITE NEV                                  95217   ND       ND       ND       ND
017    ON-TIME 12/19/70 0800     PF
      OFF-TIME 12/19/70 1525  SIZE   107 M3
     GAMMA                  SPECTRUM
     NEGLIGIBLE

MESQUITE NEV                                  95291   ND       ND       ND       ND
017    ON-TIME 12/19/70 1525     CC
      OFF-TIME 12/20/70 0800  SIZE   346 M3
     GAMMA                  SPECTRUM
     NEGLIGIBLE

MESQUITE NEV                                  95290   ND       ND       ND       ND
017    ON-TIME 12/19/70 1525     PF
      OFF-TIME 12/20/70 0800  SIZE   346 M3
     GAMMA                  SPECTRUM
     NEGLIGIBLE

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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ACCUMULATIVE NEVADA AIR RESULTS

                                LAB-NO.& 131I     132TE    133I     135I
                                USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/M3

                                 95231   4.8E00   2.0E01   2.3E01   ND
TIME 12/19/70 0753     PF
TIME 12/20/70 0818  SIZE   372 M3

EV                               95124   ND       ND       ND       ND
TIME 12/18/70 1000     CC
TIME 12/19/70 0800  SIZE   346 M3
             SPECTRUM
IBLE

EV                               95157   ND       ND       ND       ND
TIME 12/18/70 0800     PF
TIME 12/19/70 0800  SIZE   346 M3
             SPECTRUM
IBLE

EV                               95218   ND       ND       ND       ND
IME 12/19/70 0800      CC
IME 12/19/70 1525   SIZE   107 M3
             SPECTRUM
IBLE

EV                               95217   ND       ND       ND       ND
IME 12/19/70 0800      PF
IME 12/19/70 1525   SIZE   107 M3
             SPECTRUM
IBLE

EV                               95291   ND       ND       ND       ND
IME 12/19/70 1525      CC
IME 12/20/70 0800   SIZE   346 M3
             SPECTRUM
IBLE

V                                95290   ND       ND       ND       ND
IME 12/19/70 1525      PF
IME 12/20/70 0800   SIZE   346 M3
             SPECTRUM
IBLE

S OTHERWISE NOTED, RESULTS ARE
CO-CURIES PER UNIT OF SIZE.
T K IS IN GRAMS PER UNIT OF SIZE.
=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION
                                               LAB-NO.& 131I     132TE    133I
                                               USE CODE PCI/M3   PCI/M3   PCI/M3

MESQUITE NEV                                    95295    ND       ND       ND
017   ON-TIME 12/20/70 0800     CC
     OFF-TIME 12/21/70 0800  SIZE   346 M3
    GAMMA                 SPECTRUM
    NEGLIGIBLE

MESQUITE NEV                                    95294    ND       ND       ND
017   ON-TIME 12/20/70 0800     PF
     OFF-TIME 12/21/70 0800  SIZE   346 M3
    GAMMA                 SPECTRUM
    NEGLIGIBLE

WARM SPRINGS RANCH NEV                          95135    ND       ND       ND
025   ON-TIME 12/18/70 0730     CC
     OFF-TIME 12/19/70 0730  SIZE   346 M3
    GAMMA                 SPECTRUM
    NEGLIGIBLE

WARM SPRINGS RANCH NEV                          95159    ND       ND       ND
025   ON-TIME 12/18/70 0730     PF
     OFF-TIME 12/19/70 0730  SIZE   346 M3
    GAMMA                 SPECTRUM
    NEGLIGIBLE

WARM SPRINGS RANCH NEV                          96741    ND       ND       ND
025   ON-TIME 01/10/71 0730     PF
     OFF-TIME 01/11/71 0730  SIZE   346 M3
    GAMMA                 SPECTRUM
    NEGLIGIBLE

NYALA NEV                                       93852    ND       ND       7.2E00
048   ON-TIME 12/18/70 0800     CC
     OFF-TIME 12/18/70 2000  SIZE   181 M3

NYALA NEV                                       93867    5.3E00   2.8E01   5.2E01
048   ON-TIME 12/18/70 0800     PF
     OFF-TIME 12/18/70 2000  SIZE   181 M3

NYALA NEV                                       93904    0.7E00   ND       1.4E01
048   ON-TIME 12/18/70 2005     CC
     OFF-TIME 12/19/70 0800  SIZE   178 M3

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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RRY ACCUMULATIVE NEVADA AIR RESULTS

ON                                        LAB-NO.& 131I     132TE    133I     135I
                                          USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/M3

TE NEV                                     95295   ND        ND       ND       ND
ON-TIME 12/20/70 0800     CC
FF-TIME 12/21/70 0800  SIZE   346 M3
MMA                SPECTRUM
GLIGIBLE

TE NEV                                     95294   ND        ND       ND       ND
ON-TIME 12/20/70 0800     PF
FF-TIME 12/21/70 0800  SIZE   346 M3
MMA                SPECTRUM
GLIGIBLE

PRINGS RANCH NEV                           95135   ND        ND       ND       ND
ON-TIME 12/18/70 0730     CC
FF-TIME 12/19/70 0730  SIZE   346 M3
MMA                SPECTRUM
GLIGIBLE

PRINGS RANCH NEV                           95159   ND        ND       ND       ND
ON-TIME 12/18/70 0730     PF
FF-TIME 12/19/70 0730  SIZE   346 M3
MMA                SPECTRUM
LIGIBLE

PRINGS RANCH NEV                           96741   ND        ND       ND       ND
N-TIME 01/10/71 0730     PF
F-TIME 01/11/71 0730  SIZE   346 M3
MA                SPECTRUM
LIGIBLE

EV                                         93852   ND        ND       7.2E00   ND
N-TIME 12/18/70 0800     CC
F-TIME 12/18/70 2000  SIZE   181 M3

EV                                         93867   5.3E00    2.8E01   5.2E01   ND
N-TIME 12/18/70 0800     PF
F-TIME 12/18/70 2000  SIZE   181 M3

EV                                         93904   0.7E00    ND       1.4E01   5.8E00
N-TIME 12/18/70 2005     CC
F-TIME 12/19/70 0800  SIZE   178 M3

NLESS OTHERWISE NOTED, RESULTS ARE
N PICO-CURIES PER UNIT OF SIZE,
XCEPT K IS IN GRAMS PER UNIT OF SIZE.
T(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION                                   LAB-NO.& 131I     132TE    133I     135
                                           USE CODE PCI/M3   PCI/M3   PCI/M3   PCI

NYALA NEV                                    93921  7.0E00   3.1E01   6.3E01   2.5
048    ON-TIME 12/18/70 2005    PF
     OFF-TIME 12/19/70 0800   SIZE   178 M3

NYALA NEV                                    95475  5.4E00   ND       3.9E01   ND
048    ON-TIME 12/19/70 0800    CC
     OFF-TIME 12/20/70 0800   SIZE   356 M3

NYALA NEV                                    95464  1.2E01   5.1E01   6.9E01   ND
048    ON-TIME 12/19/70 0800    PF
     OFF-TIME 12/20/70 0800   SIZE   356 M3

NYALA NEV                                    95478  2.6E00   ND       7.3E00   ND
048    ON-TIME 12/20/70 0800    CC
     OFF-TIME 12/21/70 0800   SIZE   356 M3

NYALA NEV                                    95465  2.4E00   7.3E00   6.4E00   ND
048    ON-TIME 12/20/70 0800    PF
     OFF-TIME 12/21/70 0800   SIZE   356 M3

NYALA NEV                                    95472  0.8E00   ND       0.9E00   ND
048    ON-TIME 12/21/70 0800    CC
     OFF-TIME 12/22/70 0800   SIZE   346 M3

NYALA NEV                                    95466  0.2E00   0.5E00   0.3E00   ND
048    ON-TIME 12/21/70 0800    PF
     OFF-TIME 12/22/70 0800   SIZE   346 M3

NYALA NEV                                    95599  0.8E00   ND       ND       ND
048    ON-TIME 12/22/70 0800    CC
     OFF-TIME 12/23/70 0800   SIZE   335 M3

NYALA NEV                                    95598  0.2E00   0.1E00   ND       ND
048    ON-TIME 12/22/70 0800    PF
     OFF-TIME 12/23/70 0800   SIZE   335 M3

NYALA NEV                                    95837  0.9E00   ND       ND       ND
048    ON-TIME 12/23/70 0800    CC
     OFF-TIME 12/24/70 0800   SIZE   335 M3

NYALA NEV                                    95834  0.4E00   0.3E00   ND       ND
048    ON-TIME 12/23/70 0800    PF
     OFF-TIME 12/24/70 0800   SIZE   335 M3

NOTE--UNLESS OTHERWISE NOTED. RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE.
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT.X =LESS THAN X. ND=NOT DETECTED. NA=NO ANALYSIS
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RY ACCUMULATIVE NEVADA AIR RESULTS

                                        LAB-NO.& 131I     132TE    133I     135I
                                        USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/M3
EV
                                          93921   7.0E00  3.1E01   6.3E01   2.5E01
N-TIME 12/18/70 2005    PF
F-TIME 12/19/70 0800   SIZE   178 M3

EV
                                          95475   5.4E00  ND       3.9E01   ND
N-TIME 12/19/70 0800    CC
F-TIME 12/20/70 0800   SIZE   356 M3

EV
                                          95464   1.2E01  5.1E01   6.9E01   ND
N-TIME 12/19/70 0800    PF
F-TIME 12/20/70 0800   SIZE   356 M3

EV
                                          95478   2.6E00  ND       7.3E00   ND
N-TIME 12/20/70 0800    CC
F-TIME 12/21/70 0800   SIZE   356 M3

EV
                                          95465   2.4E00  7.3E00   6.4E00   ND
N-TIME 12/20/70 0800    PF
F-TIME 12/21/70 0800   SIZE   356 M3

EV
                                          95472   0.8E00  ND       0.9E00   ND
N-TIME 12/21/70 0800    CC
F-TIME 12/22/70 0800   SIZE   346 M3

EV
                                          95466   0.2E00  0.5E00   0.3E00   ND
N-TIME 12/21/70 0800    PF
F-TIME 12/22/70 0800   SIZE   346 M3

V
                                          95599   0.8E00  ND       ND       ND
-TIME 12/22/70 0800    CC
-TIME 12/23/70 0800   SIZE   335 M3

V
                                          95598   0.2E00  0.1E00   ND       ND
-TIME 12/22/70 0800    PF
-TIME 12/23/70 0800   SIZE   335 M3

V
                                          95837   0.9E00  ND       ND       ND
-TIME 12/23/70 0800    CC
-TIME 12/24/70 0800   SIZE   335 M3

V
                                          95834   0.4E00  0.3E00   ND       ND
-TIME 12/23/70 0800    PF
-TIME 12/24/70 0800   SIZE   335 M3

LESS OTHERWISE NOTED, RESULTS ARE
 PICO-CURIES PER UNIT OF SIZE.
CEPT K IS IN GRAMS PER UNIT OF SIZE.
(X =LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION
                                                  LAB-NO.& 131I    132TE   133I     1
                                                  USE CODE PCI/M3  PCI/M3  PCI/M3   P

NYALA NEV
048    ON-TIME 12/27/70 0800     PF                96300   0.9E00  ND      ND       ND
       OFF-TIME 12/28/70 0800  SIZE   335 M3

PIOCHE NEV
019    ON-TIME 12/18/70 1100     CC                95144   0.6E00  ND      1.3E01   ND
       OFF-TIME 12/19/70 0700  SIZE   317 M3

PIOCHE NEV
019    ON-TIME 12/18/70 0700     PF                95158   5.2E00  2.2E01  4.5E01   ND
       OFF-TIME 12/19/70 0700  SIZE   346 M3
     103RU=0.8E00

PIOCHE NEV
019    ON-TIME 12/19/70 0700     CC                95821   1.4E00  ND      ND       ND
       OFF-TIME 12/20/70 0700  SIZE   346 M3

PIOCHE NEV
019    ON-TIME 12/19/70 0700     PF                95767   8.9E00  4.2E01  ND       ND
       OFF-TIME 12/20/70 0700  SIZE   346 M3

PIOCHE NEV
019    ON-TIME 12/20/70 0700     CC                95813   ND      ND      ND       ND
       OFF-TIME 12/21/70 0700  SIZE   346 M3
     GAMMA                SPECTRUM
     NEGLIGIBLE

PIOCHE NEV
019    ON-TIME 12/20/70 0700     PF                95777   3.7E00  3.1E00  ND       ND
       OFF-TIME 12/21/70 0700  SIZE   346 M3

QUEEN CITY SUMMIT NEV HWY25 STAKE NY2              93860   ND      ND      1.1E02   3.
805    ON-TIME 12/18/70 1005     CC
       OFF-TIME 12/18/70 2015  SIZE    43 M3

QUEEN CITY SUMMIT NEV HWY25 STAKE NY2              93872   9.1E00  4.0E01  8.1E01   ND
805    ON-TIME 12/18/70 1005     PF
       OFF-TIME 12/18/70 2015  SIZE    43 M3

QUEEN CITY SUMMIT NEV HWY25 STAKE NY2              93896   ND      ND      ND       ND
805    ON-TIME 12/18/70 2015     CC
       OFF-TIME 12/18/70 2251  SIZE     6 M3
     GAMMA                SPECTRUM
     NEGLIGIBLE

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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RRY ACCUMULATIVE NEVADA AIR RESULTS

ON
                                        LAB-NO.& 131I     132TE    133I     135I
                                        USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/M3

NEV                                      96300   0.9E00   ND       ND       ND
ON-TIME 12/27/70 0800     PF
FF-TIME 12/28/70 0800  SIZE   335 M3

 NEV                                     95144   0.6E00   ND       1.3E01   ND
ON-TIME 12/18/70 1100     CC
FF-TIME 12/19/70 0700  SIZE   317 M3

 NEV                                     95158   5.2E00   2.2E01   4.5E01   ND
ON-TIME 12/18/70 0700     PF
FF-TIME 12/19/70 0700  SIZE   346 M3
BRU=0.8E00

 NEV                                     95821   1.4E00   ND       ND       ND
ON-TIME 12/19/70 0700     CC
FF-TIME 12/20/70 0700  SIZE   346 M3

 NEV                                     95767   8.9E00   4.2E01   ND       ND
N-TIME 12/19/70 0700      PF
F-TIME 12/20/70 0700   SIZE   346 M3

NEV                                      95813   ND       ND       ND       ND
N-TIME 12/20/70 0700      CC
F-TIME 12/21/70 0700   SIZE   346 M3
MA             SPECTRUM
LIGIBLE

NEV                                      95777   0.7E00   3.1E00   ND       ND
N-TIME 12/20/70 0700      PF
F-TIME 12/21/70 0700   SIZE   346 M3

ITY SUMMIT NEV HWY25 STAKE NY2           93860   ND       ND       1.1E02   3.9E01
N-TIME 12/18/70 1005      CC
F-TIME 12/18/70 2015   SIZE    43 M3

ITY SUMMIT NEV HWY25 STAKE NY2           93872   9.1E00   4.0E01   8.1E01   ND
N-TIME 12/18/70 1005      PF
F-TIME 12/18/70 2015   SIZE    43 M3

ITY SUMMIT NEV HWY25 STAKE NY2           93896   ND       ND       ND       ND
N-TIME 12/18/70 2015      CC
F-TIME 12/18/70 2251   SIZE     6 M3
A              SPECTRUM
IGIBLE

LESS OTHERWISE NOTED, RESULTS ARE
 PICO-CURIES PER UNIT OF SIZE,
CEPT K IS IN GRAMS PER UNIT OF SIZE.
(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION                                      LAB-NO.& 131I     132TE    133I      13
                                              USE CODE PCI/M3   PCI/M3   PCI/M3    PC

QUEEN CITY SUMMIT NEV HWY25 STAKE NY2          93924   ND       8.0E00   2.2E01    ND
805   ON-TIME 12/18/70 2015      PF
     OFF-TIME 12/18/70 2251  SIZE     6 M3

RENO NEV                                       96230   0.9E00   ND       ND        ND
068   ON-TIME 12/18/70 1240      CC
     OFF-TIME 12/19/70 0825  SIZE   284 M3

RENO NEV                                       96001   1.4E00   3.5E00   ND        ND
068   ON-TIME 12/18/70 1240      PF
     OFF-TIME 12/19/70 0825  SIZE   284 M3
    141CE=1.1E-01         103RU=1.5E-01

RENO NEV                                       96043   7.5E00   ND       ND        ND
068   ON-TIME 12/19/70 0825      CC
     OFF-TIME 12/20/70 0735  SIZE   334 M3

RENO NEV                                       95930   5.1E00   1.2E01   ND        ND
068   ON-TIME 12/19/70 0825      PF
     OFF-TIME 12/20/70 0735  SIZE   334 M3
    141CE=0.5E00          103RU=0.7E00

RENO NEV                                       96229   1.7E00   ND       ND        ND
068   ON-TIME 12/20/70 0735      CC
     OFF-TIME 12/21/70 0735  SIZE   346 M3

ROUND MOUNTAIN NEV                             95150   1.5E01   ND       3.9E02    ND
035   ON-TIME 12/18/70 1146      CC
     OFF-TIME 12/19/70 1158  SIZE   338 M3

ROUND MOUNTAIN NEV                             95188   3.4E01   1.3E02   3.9E02    ND
035   ON-TIME 12/18/70 1146      PF
     OFF-TIME 12/19/70 1158  SIZE   338 M3
    103RU=5.2E00          239PU=LT2E-04
    238PU=LT3E-04         89SR=0.6E00
    90SR=LT1E-02

ROUND MOUNTAIN NEV                             95169   8.6E00   ND       9.0E01    ND
035   ON-TIME 12/19/70 1159      CC
     OFF-TIME 12/20/70 1018  SIZE   302 M3

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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ACCUMULATIVE NEVADA AIR RESULTS

                                LAB-NO.& 131I     132TE    133I     135I
                                USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/M3

 SUMMIT NEV HWY25 STAKE NY2      93924   ND       8.0E00   2.2E01   ND
IME 12/18/70 2015     PF
IME 12/18/70 2251  SIZE    6 M3

                                 96230   0.9E00   ND       ND       ND
IME 12/18/70 1240     CC
IME 12/19/70 0825  SIZE  284 M3

                                 96001   1.4E00   3.5E00   ND       ND
IME 12/18/70 1240     PF
IME 12/19/70 0825  SIZE  284 M3
1.1E-01        103RU=1.5E-01

                                 96043   7.5E00   ND       ND       ND
IME 12/19/70 0825     CC
IME 12/20/70 0735  SIZE  334 M3

                                 95930   5.1E00   1.2E01   ND       ND
IME 12/19/70 0825     PF
IME 12/20/70 0735  SIZE  334 M3
0.5E00         103RU=0.7E00

                                 96229   1.7E00   ND       ND       ND
IME 12/20/70 0735     CC
IME 12/21/70 0735  SIZE  346 M3

TAIN NEV                         95150   1.5E01   ND       3.9E02   ND
IME 12/18/70 1146     CC
IME 12/19/70 1158  SIZE  338 M3

TAIN NEV                         95188   3.4E01   1.3E02   3.9E02   ND
IME 12/18/70 1146     PF
IME 12/19/70 1158  SIZE  338 M3
5.2E00         239PU=LT2E-04
LT3E-04        89SR=0.6E00
T1E-02

TAIN NEV                         95169   8.6E00   ND       9.0E01   ND
IME 12/19/70 1159     CC
IME 12/20/70 1018  SIZE  302 M3

SS OTHERWISE NOTED, RESULTS ARE
ICO-CURIES PER UNIT OF SIZE,
T K IS IN GRAMS PER UNIT OF SIZE.
)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION
                                               LAB-NO.& 131I    132TE    133I     13
                                               USE CODE PCI/M3  PCI/M3   PCI/M3   PC

ROUND MOUNTAIN NEV                               95168  2.3E01  8.2E01   1.2E02   ND
035    ON-TIME 12/19/70 1159     PF
      OFF-TIME 12/20/70 1018  SIZE   302 M3
     103RU=4.8E00

ROUND MOUNTAIN NEV                               95477  1.1E00  ND       4.1E00   ND
035    ON-TIME 12/20/70 1019     CC
      OFF-TIME 12/21/70 1028  SIZE   338 M3

ROUND MOUNTAIN NEV                               95462  0.5E00  0.9E00   1.4E00   ND
035    ON-TIME 12/20/70 1019     PF
      OFF-TIME 12/21/70 1028  SIZE   338 M3

ROUND MOUNTAIN NEV                               95479  0.6E00  ND       1.6E00   ND
035    ON-TIME 12/21/70 1029     CC
      OFF-TIME 12/22/70 0956  SIZE   318 M3

ROUND MOUNTAIN NEV                               95463  0.2E00  0.3E00   0.3E00   ND
035    ON-TIME 12/21/70 1029     PF
      OFF-TIME 12/22/70 0956  SIZE   318 M3

ROUND MOUNTAIN NEV                               95597  0.1E00  0.3E00   ND       ND
035    ON-TIME 12/22/70 0957     PF
      OFF-TIME 12/23/70 1155  SIZE   352 M3

ROUND MOUNTAIN NEV                               95737  1.4E00  ND       ND       ND
035    ON-TIME 12/23/70 1156     CC
      OFF-TIME 12/24/70 1107  SIZE   314 M3

ROUND MOUNTAIN NEV                               95600  0.7E00  ND       0.5E00   ND
035    ON-TIME 12/22/70 0957     CC
      OFF-TIME 12/23/70 1155  SIZE   352 M3

ROUND MOUNTAIN NEV                               95736  0.4E00  0.5E00   ND       ND
035    ON-TIME 12/23/70 1156     PF
      OFF-TIME 12/24/70 1107  SIZE   314 M3

ROUND MOUNTAIN NEV                               96564  1.0E00  ND       ND       ND
035    ON-TIME 12/24/70 1108     CC
      OFF-TIME 12/25/70 1213  SIZE   340 M3

ROUND MOUNTAIN NEV                               96565  1.3E00  ND       ND       ND
035    ON-TIME 12/25/70 1214     CC
      OFF-TIME 12/26/70 1140  SIZE   317 M3

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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ACCUMULATIVE NEVADA AIR RESULTS

                                 LAB-NO.& 131I     132TE    133I     135I
                                 USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/M3

NTAIN NEV                          95168   2.3E01   8.2E01   1.2E02   ND
TIME 12/19/70 1159     PF
TIME 12/20/70 1018  SIZE   302 M3
=4.8E00

NTAIN NEV                          95477   1.1E00   ND       4.1E00   ND
TIME 12/20/70 1019     CC
TIME 12/21/70 1028  SIZE   338 M3

NTAIN NEV                          95462   0.5E00   0.9E00   1.4E00   ND
TIME 12/20/70 1019     PF
TIME 12/21/70 1028  SIZE   338 M3

NTAIN NEV                          95479   0.6E00   ND       1.6E00   ND
TIME 12/21/70 1029     CC
TIME 12/22/70 0956  SIZE   318 M3

NTAIN NEV                          95463   0.2E00   0.3E00   0.3E00   ND
TIME 12/21/70 1029     PF
TIME 12/22/70 0956  SIZE   318 M3

NTAIN NEV                          95597   0.1E00   0.3E00   ND       ND
TIME 12/22/70 0957     PF
TIME 12/23/70 1155  SIZE   352 M3

NTAIN NEV                          95737   1.4E00   ND       ND       ND
TIME 12/23/70 1156     CC
TIME 12/24/70 1107  SIZE   314 M3

NTAIN NEV                          95600   0.7E00   ND       0.5E00   ND
TIME 12/22/70 0957     CC
TIME 12/23/70 1155  SIZE   352 M3

NTAIN NEV                          95736   0.4E00   0.5E00   ND       ND
TIME 12/23/70 1156     PF
TIME 12/24/70 1107  SIZE   314 M3

NTAIN NEV                          96564   1.0E00   ND       ND       ND
TIME 12/24/70 1108     CC
TIME 12/25/70 1213  SIZE   340 M3

NTAIN NEV                          96565   1.3E00   ND       ND       ND
TIME 12/25/70 1214     CC
TIME 12/26/70 1140  SIZE   317 M3

ESS OTHERWISE NOTED, RESULTS ARE
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EPT K IS IN GRAMS PER UNIT OF SIZE.
X)=LESS THAN X. ND=NOT DETECTED. NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION                                  LAB-NO.& 131I     132TE    133I     135I
                                          USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/

ROUND MOUNTAIN NEV                         96657   ND       ND       ND       ND
035   ON-TIME 01/01/71 1326     PF
     OFF-TIME 01/02/71 1215  SIZE  330 M3
    GAMMA                  SPECTRUM
    NEGLIGIBLE

SCOTTY'S JCT NEV                           93844   2.6E00   ND       7.2E01   2.0E
105   ON-TIME 12/18/70 1630     CC
     OFF-TIME 12/19/70 1130  SIZE  289 M3

SCOTTY'S JCT NEV                           93874   3.5E00   1.2E01   2.9E01   2.8E
105   ON-TIME 12/18/70 1630     PF
     OFF-TIME 12/19/70 1130  SIZE  289 M3

SCOTTY'S JCT NEV                           96227   7.5E00   ND       ND       ND
105   ON-TIME 12/19/70 1135     CC
     OFF-TIME 12/19/70 1630  SIZE   73 M3

SCOTTY'S JCT NEV                           96254   5.8E00   2.0E01   ND       ND
105   ON-TIME 12/19/70 1135     PF
     OFF-TIME 12/19/70 1630  SIZE   73 M3
    103RU=1.1E00

SCOTTY'S JCT NEV                           96202   3.5E00   ND       ND       ND
105   ON-TIME 12/19/70 1630     CC
     OFF-TIME 12/20/70 1630  SIZE  346 M3

SCOTTY'S JCT NEV                           95946   2.8E00   9.6E00   ND       ND
105   ON-TIME 12/19/70 1630     PF
     OFF-TIME 12/20/70 1630  SIZE  346 M3
    141CE=0.3E00           103RU=0.6E00

SUNNYSIDE NEV                              93968   ND       ND       4.0E00   ND
033   ON-TIME 12/18/70 1450     CC
     OFF-TIME 12/18/70 2010  SIZE   79 M3

SUNNYSIDE NEV                              93980   ND       1.4E00   2.4E00   ND
033   ON-TIME 12/18/70 1450     PF
     OFF-TIME 12/18/70 2010  SIZE   79 M3

SUNNYSIDE NEV                              93895   ND       ND       1.6E01   4.8
033   ON-TIME 12/18/70 2015     CC
     OFF-TIME 12/19/70 1135  SIZE  229 M3

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
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      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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RY ACCUMULATIVE NEVADA AIR RESULTS

N                                        LAB-NO.& 131I     132TE    133I     135I
                                         USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/M3

OUNTAIN NEV                               96657   ND       ND       ND       ND
N-TIME 01/01/71 1326     PF
F-TIME 01/02/71 1215  SIZE   330 M3
MA                SPECTRUM
LIGIBLE

S JCT NEV                                 93844   2.6E00   ND       7.2E01   2.0E01
N-TIME 12/18/70 1630     CC
F-TIME 12/19/70 1130  SIZE   289 M3

S JCT NEV                                 93874   3.5E00   1.2E01   2.9E01   2.8E01
N-TIME 12/18/70 1630     PF
F-TIME 12/19/70 1130  SIZE   289 M3

S JCT NEV                                 96227   7.5E00   ND       ND       ND
N-TIME 12/19/70 1135     CC
F-TIME 12/19/70 1630  SIZE    73 M3

S JCT NEV                                 96254   5.8E00   2.0E01   ND       ND
N-TIME 12/19/70 1135     PF
F-TIME 12/19/70 1630  SIZE    73 M3
RU=1.1E00

S JCT NEV                                 96202   3.5E00   ND       ND       ND
N-TIME 12/19/70 1630     CC
F-TIME 12/20/70 1630  SIZE   346 M3

S JCT NEV                                 95946   2.8E00   9.6E00   ND       ND
-TIME 12/19/70 1630      PF
-TIME 12/20/70 1630   SIZE   346 M3
E=0.3E00         103RU=0.6E00

E NEV                                     93968   ND       ND       4.0E00   ND
-TIME 12/18/70 1450      CC
-TIME 12/18/70 2010   SIZE    79 M3

E NEV                                     93980   ND       1.4E00   2.4E00   ND
-TIME 12/18/70 1450      PF
-TIME 12/18/70 2010   SIZE    79 M3

E NEV                                     93895   ND       ND       1.6E01   4.8E00
-TIME 12/18/70 2015      CC
-TIME 12/19/70 1135   SIZE   229 M3

LESS OTHERWISE NOTED, RESULTS ARE
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CEPT K IS IN GRAMS PER UNIT OF SIZE.
(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

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LOCATION
                                                    LAB-NO.& 131I     132TE    133I
                                                    USE CODE PCI/M3   PCI/M3   PCI/M3

SUNNYSIDE NEV                                        93920   4.5E00   6.4E01   9.8E01
033   ON-TIME 12/18/70 2015     PF
     OFF-TIME 12/19/70 1135   SIZE   229 M3

SUNNYSIDE NEV                                        96299   1.7E00   ND       ND
033   ON-TIME 12/19/70 1135     PF
     OFF-TIME 12/21/70 1930   SIZE   803 M3
    103RU=0.9E00

TONOPAH NEV                                          93854   1.4E01   ND       2.9E02
022   ON-TIME 12/18/70 1130     CC
     OFF-TIME 12/19/70 0730   SIZE   289 M3

TONOPAH NEV                                          93865   2.6E01   1.0E02   3.1E02
022   ON-TIME 12/18/70 1130     PF
     OFF-TIME 12/19/70 0730   SIZE   289 M3

TONOPAH NEV                                          96044   4.0E00   ND       ND
022   ON-TIME 12/19/70 0730     CC
     OFF-TIME 12/21/70 1815   SIZE   845 M3

TONOPAH NEV                                          95929   1.4E00   4.6E00   ND
022   ON-TIME 12/19/70 0730     PF
     OFF-TIME 12/21/70 1815   SIZE   845 M3
    103RU=0.3E00          141CE=0.2E00

TONOPAH NEV                                          96289   1.5E00   ND       ND
022   ON-TIME 12/21/70 1815     CC
     OFF-TIME 12/22/70 1600   SIZE   303 M3

TONOPAH NEV                                          96218   1.2E00   ND       ND
022   ON-TIME 12/22/70 1600     CC
     OFF-TIME 12/23/70 1600   SIZE   325 M3

TONOPAH NEV                                          96219   0.8E00   ND       ND
022   ON-TIME 12/23/70 1600     CC
     OFF-TIME 12/24/70 1600   SIZE   325 M3

TONOPAH NEV                                          96558   1.4E00   ND       ND
022   ON-TIME 12/25/70 1255     CC
     OFF-TIME 12/26/70 1400   SIZE   361 M3

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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ERRY ACCUMULATIVE NEVADA AIR RESULTS

ION                                          LAB-NO.& 131I     132TE    133I     135I
                                             USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/M3

SIDE NEV                                       93920  4.5E00   6.4E01   9.8E01   2.0E01
 ON-TIME 12/18/70 2015      PF
OFF-TIME 12/19/70 1135   SIZE   229 M3

SIDE NEV                                       96299  1.7E00   ND       ND       ND
 ON-TIME 12/19/70 1135      PF
OFF-TIME 12/21/70 1930   SIZE   803 M3
03RU=0.9E00

AH NEV                                         93854  1.4E01   ND       2.9E02   9.8E01
 ON-TIME 12/18/70 1130      CC
OFF-TIME 12/19/70 0730   SIZE   289 M3

AH NEV                                         93865  2.6E01   1.0E02   3.1E02   3.9E02
 ON-TIME 12/18/70 1130      PF
OFF-TIME 12/19/70 0730   SIZE   289 M3

AH NEV                                         96044  4.0E00   ND       ND       ND
 ON-TIME 12/19/70 0730      CC
OFF-TIME 12/21/70 1815   SIZE   845 M3

AH NEV                                         95929  1.4E00   4.6E00   ND       ND
 ON-TIME 12/19/70 0730      PF
OFF-TIME 12/21/70 1815   SIZE   845 M3
03RU=0.3E00           141CE=0.2E00

AH NEV                                         96289  1.5E00   ND       ND       ND
 ON-TIME 12/21/70 1815      CC
OFF-TIME 12/22/70 1600   SIZE   303 M3

AH NEV                                         96218  1.2E00   ND       ND       ND
 ON-TIME 12/22/70 1600      CC
OFF-TIME 12/23/70 1600   SIZE   325 M3

AH NEV                                         96219  0.8E00   ND       ND       ND
 ON-TIME 12/23/70 1600      CC
OFF-TIME 12/24/70 1600   SIZE   325 M3

AH NEV                                         96558  1.4E00   ND       ND       ND
 ON-TIME 12/25/70 1255      CC
OFF-TIME 12/26/70 1400   SIZE   361 M3

-UNLESS OTHERWISE NOTED, RESULTS ARE
 IN PICO-CURIES PER UNIT OF SIZE,
 EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
 LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION                                       LAB-NO.& 131I     132TE    133I     135I
                                               USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/

TTR NEV                                         93853   3.9E00   ND       3.3E02   2.9E
023   ON-TIME 12/18/70 0840     CC
     OFF-TIME 12/18/70 1840  SIZE  144 M3

TTR NEV                                         93866   2.9E01   1.6E02   5.3E02   1.5E
023   ON-TIME 12/18/70 0840     PF
     OFF-TIME 12/18/70 1840  SIZE  144 M3

TTR NEV                                         93966   9.2E00   ND       2.4E02   ND
023   ON-TIME 12/18/70 1840     CC
     OFF-TIME 12/19/70 1121  SIZE  246 M3

TTR NEV                                         93982   2.5E01   1.1E02   2.5E02   ND
023   ON-TIME 12/18/70 1840     PF
     OFF-TIME 12/19/70 1121  SIZE  246 M3
    239PU=0.2E-03        238PU=LT6E-04
    89SR=0.3E00          90SR=0.4E-01

TTR NEV                                         95190   3.0E00   ND       2.3E01   ND
023   ON-TIME 12/19/70 1126     CC
     OFF-TIME 12/20/70 1050  SIZE  335 M3

TTR NEV                                         95189   2.6E00   8.0E00   1.3E01   ND
023   ON-TIME 12/19/70 1126     PF
     OFF-TIME 12/20/70 1050  SIZE  335 M3

TTR NEV                                         95476   0.5E00   ND       1.7E00   ND
023   ON-TIME 12/20/70 1050     CC
     OFF-TIME 12/21/70 0945  SIZE  331 M3

TTR NEV                                         95456   ND       0.3E00   0.4E00   ND
023   ON-TIME 12/20/70 1050     PF
     OFF-TIME 12/21/70 0945  SIZE  331 M3

TTR NEV                                         96559   1.5E00   ND       ND       ND
023   ON-TIME 12/22/70 0900     CC
     OFF-TIME 12/24/70 0730  SIZE  714 M3

TTR NEV                                         96560   1.7E00   ND       ND       ND
023   ON-TIME 12/24/70 0730     CC
     OFF-TIME 12/25/70 0730  SIZE  366 M3

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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ACCUMULATIVE NEVADA AIR RESULTS

                                  LAB-NO.& 131I     132TE    133I     135I
                                  USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/M3

                                   93853   3.9E00   ND       3.3E02   2.9E02
IME 12/18/70 0840      CC
IME 12/18/70 1840  SIZE   144 M3

                                   93866   2.9E01   1.6E02   5.3E02   1.5E03
IME 12/18/70 0840      PF
IME 12/18/70 1840  SIZE   144 M3

                                   93966   9.2E00   ND       2.4E02   ND
IME 12/18/70 1840      CC
IME 12/19/70 1121  SIZE   246 M3

                                   93982   2.5E01   1.1E02   2.5E02   ND
IME 12/18/70 1840      PF
IME 12/19/70 1121  SIZE   246 M3
0.2E-03          238PU=LT6E-04
3E00             90SR=0.4E-01

                                   95190   3.0E00   ND       2.3E01   ND
IME 12/19/70 1126      CC
IME 12/20/70 1050  SIZE   335 M3

                                   95189   2.6E00   8.0E00   1.3E01   ND
IME 12/19/70 1126      PF
IME 12/20/70 1050  SIZE   335 M3

                                   95476   0.5E00   ND       1.7E00   ND
IME 12/20/70 1050      CC
IME 12/21/70 0945  SIZE   331 M3

                                   95456   ND       0.3E00   0.4E00   ND
IME 12/20/70 1050      PF
IME 12/21/70 0945  SIZE   331 M3

                                   96559   1.5E00   ND       ND       ND
ME 12/22/70 0900       CC
ME 12/24/70 0730   SIZE   714 M3

                                   96560   1.7E00   ND       ND       ND
ME 12/24/70 0730       CC
ME 12/25/70 0730   SIZE   366 M3

S OTHERWISE NOTED, RESULTS ARE
CO-CURIES PER UNIT OF SIZE,
T K IS IN GRAMS PER UNIT OF SIZE.
=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS

                             PAGE  128
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2

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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION
                                                 LAB-NO.& 131I     132TE    133I
                                                 USE CODE PCI/M3   PCI/M3   PCI/M3

TTR NEV                                           96561    1.3E00   ND       ND
023   ON-TIME 12/25/70 0730    CC
     OFF-TIME 12/26/70 1000  SIZE  403 M3

FALLINI'S (TWIN SPGS) RANCH NEV                   93851    1.1E00   ND       2.4E01
009   ON-TIME 12/18/70 0800    CC
     OFF-TIME 12/18/70 2000  SIZE  157 M3

FALLINI'S (TWIN SPGS) RANCH NEV                   93864    4.3E00   1.3E01   3.0E01  2
009   ON-TIME 12/18/70 0800    PF
     OFF-TIME 12/18/70 2000  SIZE  157 M3

FALLINI'S (TWIN SPGS) RANCH NEV                   95198    7.0E00   ND       1.4E02  N
009   ON-TIME 12/18/70 2000    CC
     OFF-TIME 12/19/70 0800  SIZE  162 M3

FALLINI'S (TWIN SPGS) RANCH NEV                   95197    1.4E01   6.2E01   1.4E02  N
009   ON-TIME 12/18/70 2000    PF
     OFF-TIME 12/19/70 0800  SIZE  162 M3
    103RU=4.1E00

FALLINI'S (TWIN SPGS) RANCH NEV                   95194    1.5E01   ND       1.0E02  N
009   ON-TIME 12/19/70 0800    CC
     OFF-TIME 12/20/70 0800  SIZE  322 M3

FALLINI'S (TWIN SPGS) RANCH NEV                   95193    1.4E01   5.3E01   6.6E01  N
009   ON-TIME 12/19/70 0800    PF
     OFF-TIME 12/20/70 0800  SIZE  322 M3

FALLINI'S (TWIN SPGS) RANCH NEV                   95594    5.2E00   ND       1.3E01  N
009   ON-TIME 12/20/70 0800    CC
     OFF-TIME 12/21/70 0800  SIZE  322 M3

FALLINI'S (TWIN SPGS) RANCH NEV                   95562    2.7E00   7.2E00   8.9E00  N
009   ON-TIME 12/20/70 0800    PF
     OFF-TIME 12/21/70 0800  SIZE  322 M3

FALLINI'S (TWIN SPGS) RANCH NEV                   96220    1.7E00   ND       ND      N
009   ON-TIME 12/21/70 0800    CC
     OFF-TIME 12/22/70 0800  SIZE  322 M3

FALLINI'S (TWIN SPGS) RANCH NEV                   96233    5.3E00   ND       ND      ND
009   ON-TIME 12/22/70 0800    CC
     OFF-TIME 12/23/70 0800  SIZE  322 M3

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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ION
                                          LAB-NO.& 131I     132TE    133I     135I
                                          USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/M3

EV
                                           96561   1.3E00   ND       ND       ND
 ON-TIME 12/25/70 0730     CC
OFF-TIME 12/26/70 1000  SIZE  403 M3

NI'S (TWIN SPGS) RANCH NEV                 93851   1.1E00   ND       2.4E01   1.9E01
 ON-TIME 12/18/70 0800     CC
OFF-TIME 12/18/70 2000  SIZE  157 M3

NI'S (TWIN SPGS) RANCH NEV                 93864   4.3E00   1.3E01   3.0E01   2.3E01
 ON-TIME 12/18/70 0800     PF
OFF-TIME 12/18/70 2000  SIZE  157 M3

NI'S (TWIN SPGS) RANCH NEV                 95198   7.0E00   ND       1.4E02   ND
 ON-TIME 12/18/70 2000     CC
OFF-TIME 12/19/70 0800  SIZE  162 M3

NI'S (TWIN SPGS) RANCH NEV                 95197   1.4E01   6.2E01   1.4E02   ND
 ON-TIME 12/18/70 2000     PF
OFF-TIME 12/19/70 0800  SIZE  162 M3
3RU=4.1E00

NI'S (TWIN SPGS) RANCH NEV                 95194   1.5E01   ND       1.0E02   ND
ON-TIME 12/19/70 0800     CC
FF-TIME 12/20/70 0800  SIZE  322 M3

I'S (TWIN SPGS) RANCH NEV                  95193   1.4E01   5.3E01   6.6E01   ND
ON-TIME 12/19/70 0800     PF
FF-TIME 12/20/70 0800  SIZE  322 M3

I'S (TWIN SPGS) RANCH NEV                  95594   5.2E00   ND       1.3E01   ND
ON-TIME 12/20/70 0800     CC
FF-TIME 12/21/70 0800  SIZE  322 M3

I'S (TWIN SPGS) RANCH NEV                  95562   2.7E00   7.2E00   8.9E00   ND
ON-TIME 12/20/70 0800     PF
F-TIME 12/21/70 0800  SIZE  322 M3

'S (TWIN SPGS) RANCH NEV                   96220   1.7E00   ND       ND       ND
N-TIME 12/21/70 0800     CC
F-TIME 12/22/70 0800  SIZE  322 M3

'S (TWIN SPGS) RANCH NEV                   96233   5.3E00   ND       ND       ND
N-TIME 12/22/70 0800     CC
F-TIME 12/23/70 0800  SIZE  322 M3

NLESS OTHERWISE NOTED, RESULTS ARE
N PICO-CURIES PER UNIT OF SIZE,
XCEPT K IS IN GRAMS PER UNIT OF SIZE.
T(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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LOCATION                                    LAB-NO.& 131I     132TE    133I     135
                                            USE CODE PCI/M3   PCI/M3   PCI/M3   PCI

FALLINI'S (TWIN SPGS) RANCH NEV               96553  3.0E00   ND       ND       ND
009   ON-TIME 12/24/70 0800      CC
     OFF-TIME 12/25/70 0800  SIZE   322 M3

FALLINI'S (TWIN SPGS) RANCH NEV               96554  2.8E00   ND       ND       ND
009   ON-TIME 12/25/70 0800      CC
     OFF-TIME 12/26/70 0800  SIZE   322 M3

FALLINI'S (TWIN SPGS) RANCH NEV               96555  2.0E00   ND       ND       ND
009   ON-TIME 12/26/70 0800      CC
     OFF-TIME 12/27/70 0800  SIZE   314 M3

FALLINI'S (TWIN SPGS) RANCH NEV               96184  0.7E00   ND       ND       ND
009   ON-TIME 12/26/70 0800      PF
     OFF-TIME 12/27/70 0800  SIZE   322 M3

FALLINI'S (TWIN SPGS) RANCH NEV               96576  1.7E00   ND       ND       ND
009   ON-TIME 12/27/70 0800      CC
     OFF-TIME 12/28/70 0800  SIZE   321 M3

FALLINI'S (TWIN SPGS) RANCH NEV               96182  0.6E00   ND       ND       ND
009   ON-TIME 12/27/70 0800      PF
     OFF-TIME 12/28/70 0800  SIZE   321 M3

FALLINI'S (TWIN SPGS) RANCH NEV               96556  0.7E00   ND       ND       ND
009   ON-TIME 12/28/70 0800      CC
     OFF-TIME 12/29/70 0800  SIZE   322 M3

WARM SPRINGS NEV                              95216  6.8E00   ND       1.2E02   ND
024   ON-TIME 12/18/70 0800      CC
     OFF-TIME 12/18/70 2030  SIZE   169 M3

WARM SPRINGS NEV                              95215  1.6E01   6.5E01   1.6E02   ND
024   ON-TIME 12/18/70 0800      PF
     OFF-TIME 12/18/70 2030  SIZE   169 M3

WARM SPRINGS NEV                              93996  4.7E00   ND       9.8E01   ND
024   ON-TIME 12/18/70 2030      CC
     OFF-TIME 12/19/70 1205  SIZE   199 M3

WARM SPRINGS NEV                              95010  2.5E01   1.1E02   1.4E02   ND
024   ON-TIME 12/18/70 2030      PF
     OFF-TIME 12/19/70 1205  SIZE   199 M3

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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RY ACCUMULATIVE NEVADA AIR RESULTS

N
                                          LAB-NO.& 131I     132TE    133I     135I
                                          USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/M3

S (TWIN SPGS) RANCH NEV                     96553   3.0E00   ND       ND       ND
N-TIME 12/24/70 0800     CC
F-TIME 12/25/70 0800  SIZE  322 M3

S (TWIN SPGS) RANCH NEV                     96554   2.8E00   ND       ND       ND
N-TIME 12/25/70 0800     CC
F-TIME 12/26/70 0800  SIZE  322 M3

S (TWIN SPGS) RANCH NEV                     96555   2.0E00   ND       ND       ND
N-TIME 12/26/70 0800     CC
-TIME 12/27/70 0800  SIZE  314 M3

S (TWIN SPGS) RANCH NEV                     96184   0.7E00   ND       ND       ND
N-TIME 12/26/70 0800     PF
-TIME 12/27/70 0800  SIZE  322 M3

S (TWIN SPGS) RANCH NEV                     96576   1.7E00   ND       ND       ND
-TIME 12/27/70 0800     CC
-TIME 12/28/70 0800  SIZE  321 M3

S (TWIN SPGS) RANCH NEV                     96182   0.6E00   ND       ND       ND
-TIME 12/27/70 0800     PF
-TIME 12/28/70 0800  SIZE  321 M3

S (TWIN SPGS) RANCH NEV                     96556   0.7E00   ND       ND       ND
-TIME 12/28/70 0800     CC
-TIME 12/29/70 0800  SIZE  322 M3

INGS NEV                                    95216   6.8E00   ND       1.2E02   ND
-TIME 12/18/70 0800     CC
-TIME 12/18/70 2030  SIZE  169 M3

INGS NEV                                    95215   1.6E01   6.5E01   1.6E02   ND
-TIME 12/18/70 0800     PF
-TIME 12/18/70 2030  SIZE  169 M3

INGS NEV                                    93996   4.7E00   ND       9.8E01   ND
-TIME 12/18/70 2030     CC
-TIME 12/19/70 1205  SIZE  199 M3

INGS NEV                                    95010   2.5E01   1.1E02   1.4E02   ND
-TIME 12/18/70 2030     PF
-TIME 12/19/70 1205  SIZE  199 M3

LESS OTHERWISE NOTED, RESULTS ARE
PICO-CURIES PER UNIT OF SIZE,
EPT K IS IN GRAMS PER UNIT OF SIZE.
X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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LOCATION
                                                  LAB-NO.& 131I    132TE    133I     1
                                                  USE CODE PCI/M3  PCI/M3   PCI/M3   P

WARM SPRINGS NEV                                   95195   1.1E01  ND       6.9E01   N
024   ON-TIME 12/19/70 1210    CC
     OFF-TIME 12/20/70 1300  SIZE  365 M3

WARM SPRINGS NEV                                   95196   4.5E00  1.7E01   2.0E01   N
024   ON-TIME 12/19/70 1210    PF
     OFF-TIME 12/20/70 1300  SIZE  365 M3
    103RU=1.1E00

WARM SPRINGS NEV                                   95464   3.7E00  ND       8.9E00   N
024   ON-TIME 12/20/70 1300    CC
     OFF-TIME 12/21/70 1140  SIZE  317 M3

WARM SPRINGS NEV                                   95457   1.7E00  4.4E00   4.0E00   N
024   ON-TIME 12/20/70 1300    PF
     OFF-TIME 12/21/70 1140  SIZE  317 M3

WARM SPRINGS NEV                                   95481   2.1E00  ND       2.5E00   N
024   ON-TIME 12/21/70 1140    CC
     OFF-TIME 12/22/70 0920  SIZE  292 M3

WARM SPRINGS NEV                                   95458   0.3E00  0.7E00   0.3E00   N
024   ON-TIME 12/21/70 1140    PF
     OFF-TIME 12/22/70 0920  SIZE  292 M3

WELLS NEV                                          95944   0.8E00  2.6E00   ND       N
101   ON-TIME 12/18/70 1703    PF
     OFF-TIME 12/19/70 1700  SIZE  344 M3

WELLS NEV                                          95576   3.7E00  ND       2.0E01   N
101   ON-TIME 12/19/70 1701    CC
     OFF-TIME 12/20/70 1700  SIZE  346 M3

WELLS NEV                                          95558   9.4E00  3.7E01   5.0E01   N
101   ON-TIME 12/19/70 1701    PF
     OFF-TIME 12/20/70 1700  SIZE  346 M3

WINNEMUCCA NEV                                     95147   ND      ND       ND       N
047   ON-TIME 12/18/70 0600    CC
     OFF-TIME 12/19/70 0600  SIZE  314 M3
    GAMMA              SPECTRUM
    NEGLIGIBLE

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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ERRY ACCUMULATIVE NEVADA AIR RESULTS

ION                                      LAB-NO.& 131I     132TE    133I     135I
                                         USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/M3

SPRINGS NEV                                95195  1.1E01   ND       6.9E01   ND
 ON-TIME 12/19/70 1210    CC
OFF-TIME 12/20/70 1300  SIZE  365 M3

SPRINGS NEV                                95196  4.5E00   1.7E01   2.0E01   ND
 ON-TIME 12/19/70 1210    PF
OFF-TIME 12/20/70 1300  SIZE  365 M3
03RU=1.1E00

SPRINGS NEV                                95484  3.7E00   ND       8.9E00   ND
 ON-TIME 12/20/70 1300    CC
OFF-TIME 12/21/70 1140  SIZE  317 M3

SPRINGS NEV                                95457  1.7E00   4.4E00   4.0E00   ND
 ON-TIME 12/20/70 1300    PF
OFF-TIME 12/21/70 1140  SIZE  317 M3

SPRINGS NEV                                95481  2.1E00   ND       2.5E00   ND
 ON-TIME 12/21/70 1140    CC
OFF-TIME 12/22/70 0920  SIZE  292 M3

SPRINGS NEV                                95458  0.3E00   0.7E00   0.3E00   ND
 ON-TIME 12/21/70 1140    PF
OFF-TIME 12/22/70 0920  SIZE  292 M3

 NEV                                       95944  0.8E00   2.6E00   ND       ND
 ON-TIME 12/18/70 1703    PF
OFF-TIME 12/19/70 1700  SIZE  344 M3

 NEV                                       95576  3.7E00   ND       2.0E01   ND
 ON-TIME 12/19/70 1701    CC
OFF-TIME 12/20/70 1700  SIZE  346 M3

 NEV                                       95558  9.4E00   3.7E01   5.0E01   ND
 ON-TIME 12/19/70 1701    PF
OFF-TIME 12/20/70 1700  SIZE  346 M3

UCCA NEV                                   95147  ND       ND       ND       ND
 ON-TIME 12/18/70 0600    CC
FF-TIME 12/19/70 0600  SIZE  314 M3
MMA             SPECTRUM
GLIGIBLE

UNLESS OTHERWISE NOTED, RESULTS ARE
IN PICO-CURIES PER UNIT OF SIZE,
EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION                                   LAB-NO.& 131I     132TE     133I      135I
                                           USE CODE PCI/M3   PCI/M3    PCI/M3    PCI/

WINNEMUCCA NEV                               95823   8.5E00   ND        1.1E02    ND
047   ON-TIME 12/19/70 0600     CC
     OFF-TIME 12/20/70 0600  SIZE  314 M3

WINNEMUCCA NEV                               95773   3.8E01   1.5E02    ND        ND
047   ON-TIME 12/19/70 0600     PF
     OFF-TIME 12/20/70 0600  SIZE  314 M3

WINNEMUCCA NEV                               95822   4.8E00   ND        3.5E01    ND
047   ON-TIME 12/20/70 0600     CC
     OFF-TIME 12/21/70 0600  SIZE  314 M3

WINNEMUCCA NEV                               95781   8.6E00   3.3E01    1.3E02    ND
047   ON-TIME 12/20/70 0600     PF
     OFF-TIME 12/21/70 0600  SIZE  314 M3

WINNEMUCCA NEV                               95816   ND       ND        ND        ND
047   ON-TIME 12/21/70 0600     CC
     OFF-TIME 12/22/70 0600  SIZE  314 M3
    GAMMA                 SPECTRUM
    NEGLIGIBLE

WINNEMUCCA NEV                               95783   0.5E00   1.2E00    ND        ND
047   ON-TIME 12/21/70 0600     PF
     OFF-TIME 12/22/70 0600  SIZE  314 M3

WINNEMUCCA NEV                               96212   1.0E00   ND        ND        ND
047   ON-TIME 12/22/70 0600     CC
     OFF-TIME 12/23/70 0600  SIZE  314 M3

WINNEMUCCA NEV                               96199   ND       ND        ND        ND
047   ON-TIME 12/23/70 0600     CC
     OFF-TIME 12/24/70 0615  SIZE  314 M3
    GAMMA                 SPECTRUM
    NEGLIGIBLE

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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 ACCUMULATIVE NEVADA AIR RESULTS

                                        LAB-NO.& 131I     132TE    133I     135I
                                        USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/M3

A NEV                                     95823   8.5E00   ND       1.1E02   ND
TIME 12/19/70 0600     CC
TIME 12/20/70 0600   SIZE   314 M3

A NEV                                     95773   3.8E01   1.5E02   ND       ND
TIME 12/19/70 0600     PF
TIME 12/20/70 0600   SIZE   314 M3

A NEV                                     95822   4.8E00   ND       3.5E01   ND
TIME 12/20/70 0600     CC
TIME 12/21/70 0600   SIZE   314 M3

A NEV                                     95781   8.6E00   3.3E01   1.3E02   ND
TIME 12/20/70 0600     PF
TIME 12/21/70 0600   SIZE   314 M3

A NEV                                     95816   ND       ND       ND       ND
TIME 12/21/70 0600     CC
TIME 12/22/70 0600   SIZE   314 M3
             SPECTRUM
IBLE

A NEV                                     95783   0.5E00   1.2E00   ND       ND
TIME 12/21/70 0600     PF
TIME 12/22/70 0600   SIZE   314 M3

A NEV                                     96212   1.0E00   ND       ND       ND
TIME 12/22/70 0600     CC
TIME 12/23/70 0600   SIZE   314 M3

A NEV                                     96199   ND       ND       ND       ND
TIME 12/23/70 0600     CC
TIME 12/24/70 0615   SIZE   314 M3
             SPECTRUM
IBLE

SS OTHERWISE NOTED, RESULTS ARE
ICO-CURIES PER UNIT OF SIZE,
PT K IS IN GRAMS PER UNIT OF SIZE.
)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEW MEXICO AIR RESULTS

LOCATION
                                            LAB-NO.& 131I    132TE    133I     135
                                            USE CODE PCI/M3  PCI/M3   PCI/M3   PCI/
CARLSBAD N M
042   ON-TIME 12/18/70 2100     CC            95136   ND       ND       ND       ND
    OFF-TIME 12/19/70 1030  SIZE  176 M3
   GAMMA                 SPECTRUM
   NEGLIGIBLE

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
```

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ERRY ACCUMULATIVE NEW MEXICO AIR RESULTS

ON                                          LAB-NO.& 131I     132TE    133I     135I
                                            USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/M3

AD N M                                       95136   ND       ND       ND       ND
ON-TIME 12/18/70 2100     CC
FF-TIME 12/19/70 1030  SIZE  176 M3
MMA               SPECTRUM
EGLIGIBLE

UNLESS OTHERWISE NOTED, RESULTS ARE
IN PICO-CURIES PER UNIT OF SIZE,
EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE OREGON AIR RESULTS

LOCATION                                    LAB-NO.& 131I     132TE    133I     135I
                                            USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/M

BURNS ORE                                    95931   1.0E00   3.2E00   ND       ND
070   ON-TIME 12/20/70 0844     PF
     OFF-TIME 12/21/70 0844  SIZE  346 M3
    103RU=0.2E00

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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RY ACCUMULATIVE OREGON AIR RESULTS

N                                          LAB-NO.& 131I    132TE   133I    135I
                                           USE CODE PCI/M3  PCI/M3  PCI/M3  PCI/M3

RE                                          95931   1.0E00  3.2E00  ND      ND
N-TIME 12/20/70 0844    PF
F-TIME 12/21/70 0844  SIZE  346 M3
RU=0.2E00

NLESS OTHERWISE NOTED, RESULTS ARE
N PICO-CURIES PER UNIT OF SIZE,
XCEPT K IS IN GRAMS PER UNIT OF SIZE.
T(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS

                                   PAGE  134
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2

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BANEBERRY ACCUMULATIVE SOUTH DAKOTA AIR RESULTS

LOCATION
                                          LAB-NO.& 131I     132TE    133I     13
                                          USE CODE PCI/M3   PCI/M3   PCI/M3   PC

RAPID CITY S D                             96000   0.3E00   0.9E00   ND       ND
063   ON-TIME 12/21/70 1816    PF
     OFF-TIME 12/22/70 2220  SIZE  403 M3

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
```

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RY ACCUMULATIVE SOUTH DAKOTA AIR RESULTS

N                                          LAB-NO.& 131I    132TE    133I     135I
                                           USE CODE PCI/M3  PCI/M3   PCI/M3   PCI/M3

ITY S D                                     96000   0.3E00  0.9E00   ND       ND
N-TIME 12/21/70 1816     PF
F-TIME 12/22/70 2220  SIZE  403 M3

NLESS OTHERWISE NOTED, RESULTS ARE
N PICO-CURIES PER UNIT OF SIZE,
XCEPT K IS IN GRAMS PER UNIT OF SIZE.
T(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE TEXAS AIR RESULTS

LOCATION                                    LAB-NO.& 131I    132TE    133I    135
                                            USE CODE PCI/M3  PCI/M3   PCI/M3  PCI

AUSTIN TEX                                   95540   ND       ND       ND      ND
093   ON-TIME 12/19/70 1020     PF
      OFF-TIME 12/21/70 0925  SIZE   719 M3
    GAMMA                  SPECTRUM
     NEGLIGIBLE

AUSTIN TEX                                   96249   0.2E00   ND       ND      ND
093   ON-TIME 12/23/70 0830     PF
      OFF-TIME 12/24/70 1050  SIZE   397 M3

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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RY ACCUMULATIVE TEXAS AIR RESULTS

N
                                      LAB-NO.& 131I     132TE    133I     135I
                                      USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/M3
TEX
N-TIME 12/19/70 1020    PF             95540    ND       ND       ND       ND
F-TIME 12/21/70 0925  SIZE  719 M3
MA              SPECTRUM
LIGIBLE

TEX
N-TIME 12/23/70 0830    PF             96249    0.2E00   ND       ND       ND
F-TIME 12/24/70 1050  SIZE  397 M3

NLESS OTHERWISE NOTED, RESULTS ARE
N PICO-CURIES PER UNIT OF SIZE,
XCEPT K IS IN GRAMS PER UNIT OF SIZE.
(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE UTAH AIR RESULTS

LOCATION                                      LAB-NO.& 131I    132TE   133I    13
                                              USE CODE PCI/M3  PCI/M3  PCI/M3  PC

CEDAR CITY UTAH                                 95289   ND      ND      ND      ND
032   ON-TIME 12/18/70 2350     CC
     OFF-TIME 12/19/70 2340  SIZE   332 M3
    GAMMA               SPECTRUM
    NEGLIGIBLE

CEDAR CITY UTAH                                 95288   ND      1.2E00  1.4E00  ND
032   ON-TIME 12/18/70 2350     PF
     OFF-TIME 12/19/70 2340  SIZE   332 M3

CEDAR CITY UTAH                                 95293   ND      ND      ND      ND
032   ON-TIME 12/19/70 2340     CC
     OFF-TIME 12/20/70 2330  SIZE   332 M3
    GAMMA               SPECTRUM
    NEGLIGIBLE

CEDAR CITY UTAH                                 95292   0.3E00  1.1E00  0.8E00  ND
032   ON-TIME 12/19/70 2340     PF
     OFF-TIME 12/20/70 2330  SIZE   332 M3
    141CE=1.8E-01       103RU=5.3E-02

DUGWAY UTAH                                     95149   ND      ND      ND      ND
082   ON-TIME 12/18/70 1500     CC
     OFF-TIME 12/19/70 0900  SIZE   259 M3
    GAMMA               SPECTRUM
    NEGLIGIBLE

DUGWAY UTAH                                     95939   1.0E00  4.3E00  ND      ND
082   ON-TIME 12/18/70 1500     PF
     OFF-TIME 12/19/70 0900  SIZE   259 M3
    103RU=0.2E00

DUGWAY UTAH                                     95940   1.5E00  6.9E00  ND      ND
082   ON-TIME 12/19/70 0900     PF
     OFF-TIME 12/20/70 0900  SIZE   346 M3
    141CE=0.3E00        103RU=0.4E00

ENTERPRISE UTAH                                 93984   ND      ND      ND      ND
008   ON-TIME 12/17/70 1705     PF
     OFF-TIME 12/18/70 1845  SIZE   358 M3
    GAMMA               SPECTRUM
    NEGLIGIBLE

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
```

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RRY ACCUMULATIVE UTAH AIR RESULTS

ON                                       LAB-NO.& 131I     132TE    133I     135I
                                         USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/M3

CITY UTAH                                  95289   ND       ND       ND       ND
ON-TIME 12/18/70 2350     CC
FF-TIME 12/19/70 2340  SIZE  332 M3
MMA               SPECTRUM
GLIGIBLE

CITY UTAH                                  95288   ND       1.2E00   1.4E00   ND
ON-TIME 12/18/70 2350     PF
FF-TIME 12/19/70 2340  SIZE  332 M3

CITY UTAH                                  95293   ND       ND       ND       ND
ON-TIME 12/19/70 2340     CC
FF-TIME 12/20/70 2330  SIZE  332 M3
MMA               SPECTRUM
GLIGIBLE

CITY UTAH                                  95292   0.3E00   1.1E00   0.8E00   ND
N-TIME 12/19/70 2340     PF
F-TIME 12/20/70 2330  SIZE  332 M3
CE=1.8E-01         103RU=5.3E-02

UTAH                                       95149   ND       ND       ND       ND
N-TIME 12/18/70 1500     CC
F-TIME 12/19/70 0900  SIZE  259 M3
MA                SPECTRUM
LIGIBLE

UTAH                                       95939   1.0E00   4.3E00   ND       ND
N-TIME 12/18/70 1500     PF
F-TIME 12/19/70 0900  SIZE  259 M3
RU=0.2E00

UTAH                                       95940   1.5E00   6.9E00   ND       ND
N-TIME 12/19/70 0900     PF
F-TIME 12/20/70 0900  SIZE  346 M3
CE=0.3E00          103RU=0.4E00

SE UTAH                                    93984   ND       ND       ND       ND
N-TIME 12/17/70 1705     PF
F-TIME 12/18/70 1845  SIZE  358 M3
A                 SPECTRUM
IGIBLE

LESS OTHERWISE NOTED, RESULTS ARE
 PICO-CURIES PER UNIT OF SIZE,
CEPT K IS IN GRAMS PER UNIT OF SIZE.
(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS

                    PAGE  137
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BANEBERRY ACCUMULATIVE UTAH AIR RESULTS

LOCATION                               LAB-NO.& 131I    132TE   133I    135I
                                       USE CODE PCI/M3  PCI/M3  PCI/M3  PCI/

ENTERPRISE UTAH                         93965   ND      ND      ND      ND
008   ON-TIME 12/18/70 1845    CC
     OFF-TIME 12/19/70 1710  SIZE  304 M3
    GAMMA               SPECTRUM
    NEGLIGIBLE

ENTERPRISE UTAH                         93985   ND      1.1E00  1.0E00  ND
008   ON-TIME 12/18/70 1845    PF
     OFF-TIME 12/19/70 1710  SIZE  304 M3

ENTERPRISE UTAH                         95287   ND      ND      ND      ND
008   ON-TIME 12/19/70 1710    CC
     OFF-TIME 12/20/70 1700  SIZE  322 M3
    GAMMA               SPECTRUM
    NEGLIGIBLE

ENTERPRISE UTAH                         95286   0.8E00  3.2E00  2.7E00  ND
008   ON-TIME 12/19/70 1710    PF
     OFF-TIME 12/20/70 1700  SIZE  322 M3

GARRISON UTAH                           95161   6.7E00  3.0E01  6.1E01  ND
029   ON-TIME 12/18/70 0800    PF
     OFF-TIME 12/19/70 0800  SIZE  346 M3
    103RU=1.0E00

GARRISON UTAH                           95818   2.5E00  ND      ND      ND
029   ON-TIME 12/19/70 0800    CC
     OFF-TIME 12/20/70 0800  SIZE  346 M3

GARRISON UTAH                           95768   2.4E01  9.9E01  ND      ND
029   ON-TIME 12/19/70 0800    PF
     OFF-TIME 12/20/70 0800  SIZE  346 M3

GARRISON UTAH                           95827   0.3E00  ND      ND      ND
029   ON-TIME 12/20/70 0800    CC
     OFF-TIME 12/21/70 0800  SIZE  346 M3

GARRISON UTAH                           95778   0.8E00  2.7E00  ND      ND
029   ON-TIME 12/20/70 0800    PF
     OFF-TIME 12/21/70 0800  SIZE  346 M3

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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ERRY ACCUMULATIVE UTAH AIR RESULTS

ION
                                    LAB-NO.& 131I     132TE    133I     135I
                                    USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/M3
PRISE UTAH
 ON-TIME 12/18/70 1845    CC         93965   ND       ND       ND       ND
OFF-TIME 12/19/70 1710  SIZE   304 M3
MMA                 SPECTRUM
GLIGIBLE

PRISE UTAH
 ON-TIME 12/18/70 1845    PF         93985   ND       1.1E00   1.0E00   ND
OFF-TIME 12/19/70 1710  SIZE   304 M3

RISE UTAH
ON-TIME 12/19/70 1710     CC         95287   ND       ND       ND       ND
FF-TIME 12/20/70 1700  SIZE   322 M3
MMA                 SPECTRUM
GLIGIBLE

RISE UTAH
ON-TIME 12/19/70 1710     PF         95286   0.8E00   3.2E00   2.7E00   ND
FF-TIME 12/20/70 1700  SIZE   322 M3

ON UTAH
ON-TIME 12/18/70 0800     PF         95161   6.7E00   3.0E01   6.1E01   ND
FF-TIME 12/19/70 0800  SIZE   346 M3
3RU=1.0E00

ON UTAH
ON-TIME 12/19/70 0800     CC         95818   2.5E00   ND       ND       ND
FF-TIME 12/20/70 0800  SIZE   346 M3

N UTAH
N-TIME 12/19/70 0800      PF         95768   2.4E01   9.9E01   ND       ND
F-TIME 12/20/70 0800   SIZE   346 M3

N UTAH
N-TIME 12/20/70 0800      CC         95827   0.3E00   ND       ND       ND
F-TIME 12/21/70 0800   SIZE   346 M3

N UTAH
N-TIME 12/20/70 0800      PF         95778   0.8E00   2.7E00   ND       ND
F-TIME 12/21/70 0800   SIZE   346 M3

NLESS OTHERWISE NOTED, RESULTS ARE
N PICO-CURIES PER UNIT OF SIZE,
XCEPT K IS IN GRAMS PER UNIT OF SIZE.
T(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE UTAH AIR RESULTS

LOCATION                                            LAB-NO.& 131I     132TE    133I     135I
                                                    USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/

GARRISON UTAH                                        96400   ND       ND       ND       ND
029    ON-TIME 01/01/71 0800     PF
     OFF-TIME 01/02/71 0800  SIZE  356 M3
    GAMMA                   SPECTRUM
    NEGLIGIBLE

LOGAN UTAH                                           95572   3.1E00   ND       1.1E01   ND
078    ON-TIME 12/19/70 0830     CC
     OFF-TIME 12/20/70 1320  SIZE  415 M3

LOGAN UTAH                                           95555   2.8E00   1.1E01   1.6E01   ND
078    ON-TIME 12/19/70 0830     PF
     OFF-TIME 12/20/70 1320  SIZE  415 M3

LOGAN UTAH                                           95937   7.7E00   3.1E01   ND       ND
078    ON-TIME 12/20/70 1320     PF
     OFF-TIME 12/21/70 0830  SIZE  275 M3
    141CE=1.4E00           103RU=2.0E00

LOGAN UTAH                                           96006   0.9E00   3.2E00   ND       ND
078    ON-TIME 12/21/70 0830     PF
     OFF-TIME 12/22/70 0850  SIZE  350 M3
    103RU=0.3E00

LOGAN UTAH                                           96188   0.7E00   ND       ND       ND
078    ON-TIME 12/22/70 0850     CC
     OFF-TIME 12/23/70 0840  SIZE  332 M3

MILFORD UTAH                                         95391   0.3E00   1.2E00   3.0E00   ND
036    ON-TIME 12/18/70 1600     PF
     OFF-TIME 12/19/70 1200  SIZE  288 M3

MILFORD UTAH                                         95817   ND       ND       ND       ND
036    ON-TIME 12/19/70 1200     CC
     OFF-TIME 12/20/70 1200  SIZE  304 M3
    GAMMA                   SPECTRUM
    NEGLIGIBLE

MILFORD UTAH                                         95769   0.6E00   2.6E00   ND       ND
036    ON-TIME 12/19/70 1200     PF
     OFF-TIME 12/20/70 1200  SIZE  304 M3

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE.
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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ERRY ACCUMULATIVE UTAH AIR RESULTS

ION                                      LAB-NO.& 131I     132TE    133I     135I
                                         USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/M3

SON UTAH                                  96400   ND       ND       ND       ND
 ON-TIME 01/01/71 0800    PF
OFF-TIME 01/02/71 0800  SIZE  356 M3
AMMA              SPECTRUM
EGLIGIBLE

 UTAH                                     95572   3.1E00   ND       1.1E01   ND
 ON-TIME 12/19/70 0830    CC
OFF-TIME 12/20/70 1320  SIZE  415 M3

 UTAH                                     95555   2.8E00   1.1E01   1.6E01   ND
 ON-TIME 12/19/70 0830    PF
OFF-TIME 12/20/70 1320  SIZE  415 M3

 UTAH                                     95937   7.7E00   3.1E01   ND       ND
 ON-TIME 12/20/70 1320    PF
OFF-TIME 12/21/70 0830  SIZE  275 M3
41CE=1.4E00         103RU=2.0E00

 UTAH                                     96006   0.9E00   3.2E00   ND       ND
 ON-TIME 12/21/70 0830    PF
OFF-TIME 12/22/70 0850  SIZE  350 M3
03RU=0.3E00

 UTAH                                     96188   0.7E00   ND       ND       ND
 ON-TIME 12/22/70 0850    CC
OFF-TIME 12/23/70 0840  SIZE  332 M3

D UTAH                                    95391   0.3E00   1.2E00   3.0E00   ND
 ON-TIME 12/18/70 1600    PF
FF-TIME 12/19/70 1200  SIZE  288 M3

D UTAH                                    95817   ND       ND       ND       ND
ON-TIME 12/19/70 1200    CC
FF-TIME 12/20/70 1200  SIZE  304 M3
MMA              SPECTRUM
GLIGIBLE

D UTAH                                    95769   0.6E00   2.6E00   ND       ND
ON-TIME 12/19/70 1200    PF
FF-TIME 12/20/70 1200  SIZE  304 M3

UNLESS OTHERWISE NOTED, RESULTS ARE
IN PICO-CURIES PER UNIT OF SIZE,
EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE UTAH AIR RESULTS

LOCATION                                    LAB-NO.& 131I    132TE   133I    135I
                                            USE CODE PCI/M3  PCI/M3  PCI/M3  PCI/M

PAROWAN UTAH                                 93903   ND      ND      ND      ND
031   ON-TIME 12/18/70 1600     CC
     OFF-TIME 12/19/70 1400  SIZE  317 M3
    GAMMA                 SPECTRUM
    NEGLIGIBLE

PAROWAN UTAH                                 93905   ND      ND      ND      ND
031   ON-TIME 12/18/70 1600     PF
     OFF-TIME 12/19/70 1400  SIZE  317 M3
    GAMMA                 SPECTRUM
    NEGLIGIBLE

ST GEORGE UTAH                               95578   ND      ND      ND      ND
021   ON-TIME 12/18/70 1800     CC
     OFF-TIME 12/19/70 0520  SIZE  219 M3
    GAMMA                 SPECTRUM
    NEGLIGIBLE

ST GEORGE UTAH                               95546   ND      ND      ND      ND
021   ON-TIME 12/19/70 0525     CC
     OFF-TIME 12/19/70 2135  SIZE  219 M3
    GAMMA                 SPECTRUM
    NEGLIGIBLE

ST GEORGE UTAH                               95547   ND      ND      ND      ND
021   ON-TIME 12/19/70 0525     PF
     OFF-TIME 12/19/70 2135  SIZE  219 M3
    GAMMA                 SPECTRUM
    NEGLIGIBLE

ST GEORGE UTAH                               95297   ND      ND      ND      ND
021   ON-TIME 12/19/70 2135     CC
     OFF-TIME 12/20/70 0445  SIZE  166 M3
    GAMMA                 SPECTRUM
    NEGLIGIBLE

ST GEORGE UTAH                               95296   ND      ND      ND      ND
021   ON-TIME 12/19/70 2135     PF
     OFF-TIME 12/20/70 0445  SIZE  166 M3
    GAMMA                 SPECTRUM
    NEGLIGIBLE

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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RY ACCUMULATIVE UTAH AIR RESULTS

                                       LAB-NO.& 131I     132TE     133I      135I
                                       USE CODE PCI/M3   PCI/M3    PCI/M3    PCI/M3

 UTAH                                    93903   ND        ND        ND        ND
-TIME 12/18/70 1600      CC
F-TIME 12/19/70 1400  SIZE   317 M3
A               SPECTRUM
IGIBLE

 UTAH                                    93905   ND        ND        ND        ND
-TIME 12/18/70 1600      PF
F-TIME 12/19/70 1400  SIZE   317 M3
A               SPECTRUM
IGIBLE

E UTAH                                   95578   ND        ND        ND        ND
-TIME 12/18/70 1800      CC
F-TIME 12/19/70 0520  SIZE   219 M3
A               SPECTRUM
IGIBLE

E UTAH                                   95546   ND        ND        ND        ND
-TIME 12/19/70 0525      CC
F-TIME 12/19/70 2135  SIZE   219 M3
A               SPECTRUM
IGIBLE

E UTAH                                   95547   ND        ND        ND        ND
-TIME 12/19/70 0525      PF
F-TIME 12/19/70 2135  SIZE   219 M3
A               SPECTRUM
IGIBLE

E UTAH                                   95297   ND        ND        ND        ND
-TIME 12/19/70 2135      CC
F-TIME 12/20/70 0445  SIZE   166 M3
A               SPECTRUM
IGIBLE

E UTAH                                   95296   ND        ND        ND        ND
-TIME 12/19/70 2135      PF
F-TIME 12/20/70 0445  SIZE   166 M3
A               SPECTRUM
IGIBLE

LESS OTHERWISE NOTED, RESULTS ARE
 PICO-CURIES PER UNIT OF SIZE,
CEPT K IS IN GRAMS PER UNIT OF SIZE.
(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE UTAH AIR RESULTS

LOCATION
                                             LAB-NO.& 131I     132TE    133I     135
                                             USE CODE PCI/M3   PCI/M3   PCI/M3   PCI

ST GEORGE UTAH                                 95299   ND       ND       ND       ND
021    ON-TIME 12/20/70 0445    CC
     OFF-TIME 12/21/70 0535  SIZE  326 M3
    GAMMA                  SPECTRUM
    NEGLIGIBLE

ST GEORGE UTAH                                 95298   ND       ND       ND       ND
021    ON-TIME 12/20/70 0445    PF
     OFF-TIME 12/21/70 0535  SIZE  326 M3
    GAMMA                  SPECTRUM
    NEGLIGIBLE

SALT LAKE CITY UTAH                            95142   ND       ND       ND       ND
084    ON-TIME 12/18/70 1615    CC
     OFF-TIME 12/19/70 0845  SIZE  229 M3
    GAMMA                  SPECTRUM
    NEGLIGIBLE

SALT LAKE CITY UTAH                            95592   1.5E00   ND       8.3E00   ND
084    ON-TIME 12/19/70 0850    CC
     OFF-TIME 12/20/70 0840  SIZE  301 M3

SALT LAKE CITY UTAH                            95593   1.0E01   4.0E01   7.3E01   ND
084    ON-TIME 12/19/70 0850    PF
     OFF-TIME 12/20/70 0840  SIZE  301 M3

SALT LAKE CITY UTAH                            95584   1.0E00   ND       2.6E00   ND
084    ON-TIME 12/20/70 0840    CC
     OFF-TIME 12/21/70 0820  SIZE  332 M3

SALT LAKE CITY UTAH                            95567   3.1E00   1.1E01   1.0E01   ND
084    ON-TIME 12/20/70 0840    PF
     OFF-TIME 12/21/70 0820  SIZE  332 M3

WENDOVER UTAH                                  96007   2.3E00   9.8E00   ND       ND
080    ON-TIME 12/19/70 0800    PF
     OFF-TIME 12/20/70 0800  SIZE  335 M3
   141CE=3.5E-01         103RU=4.4E-01

WENDOVER UTAH                                  96209   0.6E00   ND       ND       ND
080    ON-TIME 12/20/70 0800    CC
     OFF-TIME 12/21/70 0800  SIZE  325 M3

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
     IN PICO-CURIES PER UNIT OF SIZE,
     EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
     LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
```

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ERRY ACCUMULATIVE UTAH AIR RESULTS

ION                                   LAB-NO.& 131I     132TE    133I     135I
                                      USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/M3

ORGE UTAH                              95299   ND       ND       ND       ND
 ON-TIME 12/20/70 0445     CC
OFF-TIME 12/21/70 0535  SIZE  326 M3
AMMA                SPECTRUM
EGLIGIBLE

ORGE UTAH                              95298   ND       ND       ND       ND
 ON-TIME 12/20/70 0445     PF
OFF-TIME 12/21/70 0535  SIZE  326 M3
AMMA                SPECTRUM
EGLIGIBLE

LAKE CITY UTAH                         95142   ND       ND       ND       ND
 ON-TIME 12/18/70 1615     CC
OFF-TIME 12/19/70 0845  SIZE  229 M3
AMMA                SPECTRUM
EGLIGIBLE

LAKE CITY UTAH                         95592   1.5E00   ND       8.3E00   ND
 ON-TIME 12/19/70 0850     CC
OFF-TIME 12/20/70 0840  SIZE  301 M3

LAKE CITY UTAH                         95593   1.0E01   4.0E01   7.3E01   ND
 ON-TIME 12/19/70 0850     PF
OFF-TIME 12/20/70 0840  SIZE  301 M3

LAKE CITY UTAH                         95584   1.0E00   ND       2.6E00   ND
 ON-TIME 12/20/70 0840     CC
OFF-TIME 12/21/70 0820  SIZE  332 M3

LAKE CITY UTAH                         95567   3.1E00   1.1E01   1.0E01   ND
 ON-TIME 12/20/70 0840     PF
OFF-TIME 12/21/70 0820  SIZE  332 M3

VER UTAH                               96007   2.3E00   9.8E00   ND       ND
 ON-TIME 12/19/70 0800     PF
OFF-TIME 12/20/70 0800  SIZE  335 M3
ICE=3.5E-01         103RU=4.4E-01

VER UTAH                               96209   0.6E00   ND       ND       ND
 ON-TIME 12/20/70 0800     CC
OFF-TIME 12/21/70 0800  SIZE  325 M3

-UNLESS OTHERWISE NOTED, RESULTS ARE
 IN PICO-CURIES PER UNIT OF SIZE,
 EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
 LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE UTAH AIR RESULTS

LOCATION                                        LAB-NO.& 131I     132TE    133I     135I
                                                USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/

WENDOVER UTAH                                    96008   5.6E00   2.3E01   ND       ND
080    ON-TIME 12/20/70 0800     PF
     OFF-TIME 12/21/70 0800  SIZE  325 M3
    103RU=1.7E00

WENDOVER UTAH                                    96009   1.4E00   5.2E00   ND       ND
080    ON-TIME 12/21/70 0800     PF
     OFF-TIME 12/22/70 0800  SIZE  335 M3
    141CE=0.4E00          103RU=0.4E00

WENDOVER UTAH                                    96214   1.3E00   ND       ND       ND
080    ON-TIME 12/22/70 0800     CC
     OFF-TIME 12/23/70 0800  SIZE  325 M3

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
       IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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 ACCUMULATIVE UTAH AIR RESULTS

                                  LAB-NO.& 131I     132TE    133I     135I
                                  USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/M3

 UTAH                                96008   5.6E00   2.3E01   ND       ND
-TIME 12/20/70 0800     PF
-TIME 12/21/70 0800  SIZE  325 M3
U=1.7E00

 UTAH                                96009   1.4E00   5.2E00   ND       ND
-TIME 12/21/70 0800     PF
-TIME 12/22/70 0800  SIZE  335 M3
E=0.4E00        103RU=0.4E00

 UTAH                                96214   1.3E00   ND       ND       ND
-TIME 12/22/70 0800     CC
-TIME 12/23/70 0800  SIZE  325 M3

LESS OTHERWISE NOTED. RESULTS ARE
 PICO-CURIES PER UNIT OF SIZE.
CEPT K IS IN GRAMS PER UNIT OF SIZE.
(X)=LESS THAN X. ND=NOT DETECTED. NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE WASHINGTON AIR RESULTS

LOCATION                                          LAB-NO.& 131I    132TE    133I     135
                                                  USE CODE PCI/M3  PCI/M3   PCI/M3   PCI

SPOKANE WASH                                       95999   0.2E00  0.6E00   ND       ND
051    ON-TIME 12/18/70 1100     PF
     OFF-TIME 12/21/70 0800  SIZE 1023 M3
    103RU=0.4E-01

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE.
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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RRY ACCUMULATIVE WASHINGTON AIR RESULTS

ON
                                          LAB-NO.& 131I    132TE    133I     135I
                                          USE CODE PCI/M3  PCI/M3   PCI/M3   PCI/M3

E WASH                                     95999   0.2E00  0.6E00   ND       ND
ON-TIME 12/18/70 1100     PF
FF-TIME 12/21/70 0800  SIZE 1023 M3
DRU=0.4E-01

UNLESS OTHERWISE NOTED, RESULTS ARE
IN PICO-CURIES PER UNIT OF SIZE,
EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS

                                   PAGE  143
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BANEBERRY ACCUMULATIVE WYOMING AIR RESULTS

LOCATION                                       LAB-NO.& 131I     132TE    133I     135I
                                               USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/

ROCK SPRINGS WYO                                 95935   1.5E00  5.7E00   ND       ND
075    ON-TIME 12/19/70 0700     PF
       OFF-TIME 12/20/70 0700  SIZE  325 M3
     103RU=0.3E00

ROCK SPRINGS WYO                                 95936   1.9E00  6.8E00   ND       ND
075    ON-TIME 12/20/70 0700     PF
       OFF-TIME 12/21/70 0790  SIZE  325 M3
     141CE=0.3E00         103RU=0.3E00

WORLAND WYO                                      95934   2.6E00  1.0E01   ND       ND
074    ON-TIME 12/20/70 0745     PF
       OFF-TIME 12/21/70 0745  SIZE  377 M3
     141CE=0.5E00         103RU=0.6E00

WORLAND WYO                                      96005   8.5E00  2.9E01   ND       ND
074    ON-TIME 12/21/70 0745     PF
       OFF-TIME 12/22/70 0745  SIZE  377 M3
     141CE=1.2E00         103RU=2.3E00

NOTE- UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE.
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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EBERRY ACCUMULATIVE WYOMING AIR RESULTS

ATION                                        LAB-NO.& 131I     132TE    133I     135I
                                             USE CODE PCI/M3   PCI/M3   PCI/M3   PCI/M3

K SPRINGS WYO                                 95935   1.5E00   5.7E00   ND       ND
    ON-TIME 12/19/70 0700     PF
  OFF-TIME 12/20/70 0700  SIZE  325 M3
 103RU=0.3E00

K SPRINGS WYO                                 95936   1.9E00   6.8E00   ND       ND
    ON-TIME 12/20/70 0700     PF
  OFF-TIME 12/21/70 0700  SIZE  325 M3
 141CE=0.3E00        103RU=0.3E00

RLAND WYO                                     95934   2.6E00   1.0E01   ND       ND
    ON-TIME 12/20/70 0745     PF
  OFF-TIME 12/21/70 0745  SIZE  377 M3
 141CE=0.5E00        103RU=0.6E00

RLAND WYO                                     96005   8.5E00   2.9E01   ND       ND
    ON-TIME 12/21/70 0745     PF
  OFF-TIME 12/22/70 0745  SIZE  377 M3
 141CE=1.2E00        103RU=2.3E00

TE--UNLESS OTHERWISE NOTED, RESULTS ARE
    IN PICO-CURIES PER UNIT OF SIZE,
    EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
    LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA FOOD CROP RESULTS

LOCATION
                                              LAB-NO.& 132TE   131I
                                              USE CODE PCI/KG  PCI/KG

SPRINGDALE NEV - MCCURDY RANCH                  96124   ND       ND
    COLLECTED 12/31/70 0930  SIZE .589 KG EGG
    GAMMA                   SPECTRUM
    NEGLIGIBLE

SPRINGDALE NEV - MCCURDY RANCH                  96177   ND       ND
    COLLECTED 12/31/70 0930  SIZE .082 KG EGSH
    GAMMA                   SPECTRUM
    NEGLIGIBLE

SPRINGDALE NEV - MCCURDY RANCH                  96178   ND       ND
    COLLECTED 12/31/70 0930  SIZE .503 KG EGG
    GAMMA                   SPECTRUM
    NEGLIGIBLE

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE CALIFORNIA FEED RESULTS

LOCATION                               LAB-NO.& 132TE   131I    133I    135I
                                       USE CODE PCI/KG  PCI/KG  PCI/KG  PCI

HINKLEY CALIF - BILL NELSON DAIRY        95670  ND      ND      ND      ND
    COLLECTED 12/23/70 1600  SIZE .643 KG
    GAMMA               SPECTRUM
    NEGLIGIBLE

HINKLEY CALIF - BILL NELSON DAIRY        95746  ND      ND      ND      ND
    COLLECTED 12/24/70 1445  SIZE .671 KG
    GAMMA               SPECTRUM
    NEGLIGIBLE

INDEPENDENCE CALIF SMITH RANCH           95668  1.3E03  4.6E02  5.1E02  ND
    COLLECTED 12/23/70 1930  SIZE .520 KG

INDEPENDENCE CALIF SMITH RANCH           95669  7.0E02  3.9E02  ND      ND
    COLLECTED 12/24/70 0830  SIZE .510 KG

OLANCHA CALIF HUNTER RANCH               95745  ND      ND      ND      ND
    COLLECTED 12/24/70 1130  SIZE 1.05 KG
    GAMMA               SPECTRUM
    NEGLIGIBLE

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE.
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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 ACCUMULATIVE CALIFORNIA FEED RESULTS

                                LAB-NO.& 132TE   131I    133I    135I
                                USE CODE PCI/KG  PCI/KG  PCI/KG  PCI/KG

ALIF - BILL NELSON DAIRY         95670   ND      ND      ND      ND
CTED 12/23/70 1600  SIZE .643 KG
               SPECTRUM
GIBLE

ALIF - BILL NELSON DAIRY         95746   ND      ND      ND      ND
CTED 12/24/70 1445  SIZE .671 KG
               SPECTRUM
GIBLE

NCE CALIF SMITH RANCH            95668   1.3E03  4.6E02  5.1E02  ND
CTED 12/23/70 1930  SIZE .520 KG

NCE CALIF SMITH RANCH            95669   7.0E02  3.9E02  ND      ND
CTED 12/24/70 0830  SIZE .510 KG

ALIF HUNTER RANCH                95745   ND      ND      ND      ND
CTED 12/24/70 1130  SIZE 1.05 KG
               SPECTRUM
GIBLE

ESS OTHERWISE NOTED, RESULTS ARE
PICO-CURIES PER UNIT OF SIZE.
EPT K IS IN GRAMS PER UNIT OF SIZE.
X)=LESS THAN X. ND=NOT DETECTED. NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA FEED RESULTS

LOCATION
                                          LAB-NO.& 132TE    131I     133I     135I
                                          USE CODE PCI/KG   PCI/KG   PCI/KG   PCI/

ALAMO NEV KAY WRIGHT DAIRY                 93840   ND       ND       ND       ND
    COLLECTED 12/19/70 1025  SIZE  .56 KG
    GAMMA               SPECTRUM
    NEGLIGIBLE

ALAMO NEV KAY WRIGHT DAIRY                 95029   2.8E02   ND       2.1E02   ND
    COLLECTED 12/20/70 0920  SIZE .795 KG

ALAMO NEV KAY WRIGHT DAIRY                 95260   7.2E01   ND       8.9E01   ND
    COLLECTED 12/21/70 0825  SIZE 1.29 KG

ALAMO NEV KAY WRIGHT DAIRY                 95406   ND       ND       ND       ND
    COLLECTED 12/22/70 0810  SIZE 1.44 KG
    GAMMA               SPECTRUM
    NEGLIGIBLE

AUSTIN NEV - YOUNG'S RANCH                 95201   8.6E02   2.6E02   1.7E03   ND
    COLLECTED 12/20/70 1600  SIZE .640 KG

AUSTIN NEV - YOUNG'S RANCH                 95404   2.9E03   1.1E03   3.9E03   ND
    COLLECTED 12/21/70 1230  SIZE .712 KG

AUSTIN NEV - YOUNG'S RANCH                 95401   1.5E02   6.5E01   3.2E02   ND
    COLLECTED 12/22/70 0830  SIZE .664 KG

AUSTIN NEV - YOUNG'S RANCH                 95601   3.8E02   1.9E02   4.5E02   ND
    COLLECTED 12/23/70 1130  SIZE .641 KG

AUSTIN NEV - YOUNG'S RANCH                 95729   4.1E02   1.7E02   2.1E02   ND
    COLLECTED 12/24/70 0900  SIZE .832 KG

AUSTIN NEV - YOUNG'S RANCH                 95918   1.4E02   7.3E01   ND       ND
    COLLECTED 12/27/70 0900  SIZE .806 KG

AUSTIN NEV - TRIPLE T RANCH                95027   6.6E03   ND       3.3E04   ND
    COLLECTED 12/19/70 1530  SIZE .509 KG

AUSTIN NEV - TRIPLE T RANCH                95207   8.7E03   3.0E03   2.3E04   ND
    COLLECTED 12/20/70 1120  SIZE .740 KG

AUSTIN NEV - TRIPLE T RANCH                95430   1.3E03   3.7E02   1.3E03   ND
    COLLECTED 12/21/70 1200  SIZE .554 KG

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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RRY ACCUMULATIVE NEVADA FEED RESULTS

ON
                                        LAB-NO.& 132TE    131I     133I     135I
                                        USE CODE PCI/KG   PCI/KG   PCI/KG   PCI/KG
NEV KAY WRIGHT DAIRY                     93840    ND       ND       ND       ND
LLECTED 12/19/70 1025  SIZE  .56 KG
MMA             SPECTRUM
GLIGIBLE

NEV KAY WRIGHT DAIRY                     95029    2.8E02   ND       2.1E02   ND
LLECTED 12/20/70 0920  SIZE .795 KG

NEV KAY WRIGHT DAIRY                     95260    7.2E01   ND       8.9E01   ND
LLECTED 12/21/70 0825  SIZE 1.29 KG

NEV KAY WRIGHT DAIRY                     95406    ND       ND       ND       ND
LLECTED 12/22/70 0810  SIZE 1.44 KG
MMA             SPECTRUM
GLIGIBLE

NEV - YOUNG'S RANCH                      95201    8.6E02   2.6E02   1.7E03   ND
LECTED 12/20/70 1600  SIZE .640 KG

NEV - YOUNG'S RANCH                      95404    2.9E03   1.1E03   3.9E03   ND
LECTED 12/21/70 1230  SIZE .712 KG

NEV - YOUNG'S RANCH                      95401    1.5E02   6.5E01   3.2E02   ND
LECTED 12/22/70 0830  SIZE .664 KG

NEV - YOUNG'S RANCH                      95601    3.8E02   1.9E02   4.5E02   ND
LECTED 12/23/70 1130  SIZE .641 KG

NEV - YOUNG'S RANCH                      95729    4.1E02   1.7E02   2.1E02   ND
LECTED 12/24/70 0900  SIZE .832 KG

NEV - YOUNG'S RANCH                      95918    1.4E02   7.3E01   ND       ND
LECTED 12/27/70 0900  SIZE .806 KG

NEV - TRIPLE T RANCH                     95027    6.6E03   ND       3.3E04   ND
LECTED 12/19/70 1530  SIZE .509 KG

NEV - TRIPLE T RANCH                     95207    8.7E03   3.0E03   2.3E04   ND
LECTED 12/20/70 1120  SIZE .740 KG

NEV - TRIPLE T RANCH                     95430    1.3E03   3.7E02   1.3E03   ND
ECTED 12/21/70 1200  SIZE .554 KG

LESS OTHERWISE NOTED, RESULTS ARE
 PICO-CURIES PER UNIT OF SIZE,
CEPT K IS IN GRAMS PER UNIT OF SIZE.
(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA FEED RESULTS

LOCATION                                     LAB-NO.& 132TE    131I    133I    135
                                             USE CODE PCI/KG  PCI/KG  PCI/KG  PCI

AUSTIN NEV - TRIPLE T RANCH                   95424   3.9E02  1.9E01  2.8E02  ND
    COLLECTED 12/22/70 0920  SIZE .517 KG

AUSTIN NEV - TRIPLE T RANCH                   95608   1.2E03  6.4E02  8.1E02  ND
    COLLECTED 12/23/70 1200  SIZE .584 KG

AUSTIN NEV - TRIPLE T RANCH                   95728   2.0E03  1.0E03  1.0E03  ND
    COLLECTED 12/24/70 0925  SIZE .985 KG

AUSTIN NEV - TRIPLE T RANCH                   95916   1.4E03  1.1E03  1.3E03  ND
    COLLECTED 12/27/70 1200  SIZE .754 KG

BEATTY NEV KIBBE RANCH                        96174   ND      ND      ND      ND
    COLLECTED 12/31/70 1505  SIZE .700 KG
    GAMMA                SPECTRUM
    NEGLIGIBLE

BEATTY NEV KIBBE RANCH                        96172   ND      3.1E02  ND      ND
    COLLECTED 12/31/70 1505  SIZE .308 KG

CURRANT NEV - BLUE EAGLE RANCH                93889   1.6E03  ND      2.5E03  ND
    COLLECTED 12/19/70 0945  SIZE .971 KG

CURRANT NEV - BLUE EAGLE RANCH                95204   8.0E02  2.4E02  1.3E03  ND
    COLLECTED 12/20/70 1200  SIZE .628 KG

CURRANT NEV - BLUE EAGLE RANCH                95405   ND      ND      ND      ND
    COLLECTED 12/21/70 1115  SIZE .652 KG
    GAMMA                SPECTRUM
    NEGLIGIBLE

CURRANT NEV - BLUE EAGLE RANCH                95399   2.5E02  ND      1.5E02  ND
    COLLECTED 12/22/70 1030  SIZE .768 KG

CURRANT NEV - BLUE EAGLE RANCH                95609   1.8E02  1.0E02  ND      ND
    COLLECTED 12/23/70 0845  SIZE .524 KG

CURRANT NEV - BLUE EAGLE RANCH                95751   ND      ND      ND      ND
    COLLECTED 12/24/70 1130  SIZE .650 KG
    GAMMA                SPECTRUM
    NEGLIGIBLE

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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RY ACCUMULATIVE NEVADA FEED RESULTS

N
                                     LAB-NO.& 132TE    131I     133I     135I
                                     USE CODE PCI/KG   PCI/KG   PCI/KG   PCI/KG

 NEV - TRIPLE T RANCH                  95424   3.9E02   1.9E01   2.8E02   ND
LECTED 12/22/70 0920  SIZE .517 KG

 NEV - TRIPLE T RANCH                  95608   1.2E03   6.4E02   8.1E02   ND
LECTED 12/23/70 1200  SIZE .584 KG

 NEV - TRIPLE T RANCH                  95728   2.0E03   1.0E03   1.0E03   ND
LECTED 12/24/70 0925  SIZE .985 KG

 NEV - TRIPLE T RANCH                  95916   1.4E03   1.1E03   1.3E03   ND
LECTED 12/27/70 1200  SIZE .754 KG

 NEV KIBBE RANCH                       96174   ND       ND       ND       ND
LECTED 12/31/70 1505  SIZE .700 KG
MA               SPECTRUM
LIGIBLE

 NEV KIBBE RANCH                       96172   ND       3.1E02   ND       ND
LECTED 12/31/70 1505  SIZE .308 KG

 NEV - BLUE EAGLE RANCH                93889   1.6E03   ND       2.5E03   ND
LECTED 12/19/70 0945  SIZE .971 KG

 NEV - BLUE EAGLE RANCH                95204   8.0E02   2.4E02   1.3E03   ND
LECTED 12/20/70 1200  SIZE .628 KG

 NEV - BLUE EAGLE RANCH                95405   ND       ND       ND       ND
LECTED 12/21/70 1115  SIZE .652 KG
MA               SPECTRUM
LIGIBLE

 NEV - BLUE EAGLE RANCH                95399   2.5E02   ND       1.5E02   ND
LECTED 12/22/70 1030  SIZE .768 KG

 NEV - BLUE EAGLE RANCH                95609   1.8E02   1.0E02   ND       ND
LECTED 12/23/70 0845  SIZE .524 KG

 NEV - BLUE EAGLE RANCH                95751   ND       ND       ND       ND
LECTED 12/24/70 1130  SIZE .650 KG
MA               SPECTRUM
LIGIBLE

NLESS OTHERWISE NOTED, RESULTS ARE
N PICO-CURIES PER UNIT OF SIZE,
XCEPT K IS IN GRAMS PER UNIT OF SIZE.
T(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA FEED RESULTS

LOCATION                                  LAB-NO.& 132TE    131I    133I    13
                                          USE CODE PCI/KG   PCI/KG  PCI/KG  PC

CURRANT NEV - BLUE EAGLE RANCH             95921   ND       ND      ND      ND
    COLLECTED 12/28/70 1420  SIZE .854 KG
    GAMMA               SPECTRUM
    NEGLIGIBLE

DUCKWATER NEV - HALSTEAD RANCH             95024   4.0E03   ND      1.2E04  ND
    COLLECTED 12/19/70 0930  SIZE .533 KG

DUCKWATER NEV - HALSTEAD RANCH             95040   1.6E03   ND      4.3E03  ND
    COLLECTED 12/19/70 0930  SIZE .166 KG

DUCKWATER NEV - HALSTEAD RANCH             95205   7.1E03   2.5E03  1.4E04  ND
    COLLECTED 12/20/70 1310  SIZE .583 KG

DUCKWATER NEV - HALSTEAD RANCH             95398   7.7E02   2.2E02  7.4E02  ND
    COLLECTED 12/21/70 1230  SIZE .668 KG

DUCKWATER NEV - HALSTEAD RANCH             95400   4.2E02   3.0E02  4.7E02  ND
    COLLECTED 12/22/70 1130  SIZE .552 KG

DUCKWATER NEV - HALSTEAD RANCH             95607   4.2E02   2.2E02  ND      ND
    COLLECTED 12/23/70 0745  SIZE .422 KG

DUCKWATER NEV - HALSTEAD RANCH             95752   2.3E02   1.7E02  ND      ND
    COLLECTED 12/24/70 0920  SIZE .560 KG

DUCKWATER NEV - HALSTEAD RANCH             95919   ND       ND      ND      ND
    COLLECTED 12/28/70 1600  SIZE .420 KG
    GAMMA               SPECTRUM
    NEGLIGIBLE

EUREKA NEV - MARTIN RANCH                  95203   3.1E03   1.4E03  1.3E04  ND
    COLLECTED 12/20/70 1410  SIZE .525 KG

EUREKA NEV - MARTIN RANCH                  95433   5.0E02   9.5E01  5.2E02  ND
    COLLECTED 12/21/70 1500  SIZE .685 KG

EUREKA NEV - MARTIN RANCH                  95604   ND       5.8E02  ND      ND
    COLLECTED 12/23/70 0700  SIZE .753 KG

EUREKA NEV - MARTIN RANCH                  95731   ND       ND      ND      ND
    COLLECTED 12/24/70 0715  SIZE .608 KG
    GAMMA               SPECTRUM
    NEGLIGIBLE

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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ERRY ACCUMULATIVE NEVADA FEED RESULTS

ION                                       LAB-NO.& 132TE    131I     133I     135I
                                          USE CODE PCI/KG   PCI/KG   PCI/KG   PCI/KG

IT NEV - BLUE EAGLE RANCH                   95921   ND       ND       ND       ND
OLLECTED 12/28/70 1420  SIZE .854 KG
AMMA            SPECTRUM
EGLIGIBLE

ATER NEV - HALSTEAD RANCH                   95024   4.0E03   ND       1.2E04   ND
OLLECTED 12/19/70 0930  SIZE .533 KG

ATER NEV - HALSTEAD RANCH                   95040   1.6E03   ND       4.3E03   ND
OLLECTED 12/19/70 0930  SIZE .166 KG

ATER NEV - HALSTEAD RANCH                   95205   7.1E03   2.5E03   1.4E04   ND
OLLECTED 12/20/70 1310  SIZE .583 KG

ATER NEV - HALSTEAD RANCH                   95398   7.7E02   2.2E02   7.4E02   ND
OLLECTED 12/21/70 1230  SIZE .668 KG

ATER NEV - HALSTEAD RANCH                   95400   4.2E02   3.0E02   4.7E02   ND
OLLECTED 12/22/70 1130  SIZE .552 KG

ATER NEV - HALSTEAD RANCH                   95607   4.2E02   2.2E02   ND       ND
OLLECTED 12/23/70 0745  SIZE .422 KG

ATER NEV - HALSTEAD RANCH                   95752   2.3E02   1.7E02   ND       ND
OLLECTED 12/24/70 0920  SIZE .560 KG

ATER NEV - HALSTEAD RANCH                   95919   ND       ND       ND       ND
OLLECTED 12/28/70 1600  SIZE .420 KG
AMMA            SPECTRUM
EGLIGIBLE

 NEV - MARTIN RANCH                         95203   3.1E03   1.4E03   1.3E04   ND
OLLECTED 12/20/70 1410  SIZE .525 KG

 NEV - MARTIN RANCH                         95433   5.0E02   9.5E01   5.2E02   ND
OLLECTED 12/21/70 1500  SIZE .685 KG

 NEV - MARTIN RANCH                         95604   ND       5.8E02   ND       ND
OLLECTED 12/23/70 0700  SIZE .753 KG

 NEV - MARTIN RANCH                         95731   ND       ND       ND       ND
OLLECTED 12/24/70 0715  SIZE .608 KG
AMMA            SPECTRUM
EGLIGIBLE

UNLESS OTHERWISE NOTED, RESULTS ARE
IN PICO-CURIES PER UNIT OF SIZE,
EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA FEED RESULTS

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LOCATION
                                            LAB-NO.& 132TE   131I    133I
                                            USE CODE PCI/KG  PCI/KG  PCI/KG

EUREKA NEV - MARTIN RANCH                    95917   1.4E02  1.6E02  ND
    COLLECTED 12/27/70 1000  SIZE .599 KG

EUREKA NEV - MARTIN RANCH                    96061   5.7E02  8.4E02  ND
    COLLECTED 12/29/70 1400  SIZE .910 KG

HIKO NEV - SCHOFIELD DAIRY                   93841   1.8E02  ND      4.6E02
    COLLECTED 12/19/70 1140  SIZE .590 KG

HIKO NEV - SCHOFIELD DAIRY                   95030   ND      ND      ND
    COLLECTED 12/20/70 1020  SIZE .708 KG
    GAMMA               SPECTRUM
    NEGLIGIBLE

HIKO NEV - SCHOFIELD DAIRY                   95256   3.8E02  9.2E01  2.7E02
    COLLECTED 12/21/70 0925  SIZE 1.97 KG

HIKO NEV - SCHOFIELD DAIRY                   95428   1.0E03  4.8E02  9.5E02
    COLLECTED 12/22/70 0905  SIZE 1.83 KG

LATHROP WELLS NEV EASTMAN RANCH              95587   ND      ND      ND
    COLLECTED 12/23/70 1020  SIZE .880 KG
    GAMMA               SPECTRUM
    NEGLIGIBLE

LATHROP WELLS NEV EASTMAN RANCH              95689   ND      ND      ND
    COLLECTED 12/24/70 0930  SIZE 1.03 KG
    GAMMA               SPECTRUM
    NEGLIGIBLE

LUND NEV - MCKENZIE DAIRY                    93879   6.0E02  ND      1.2E03
    COLLECTED 12/19/70 1030  SIZE .480 KG

LUND NEV - MCKENZIE DAIRY                    93915   ND      ND      ND
    COLLECTED 12/20/70 1030  SIZE .163 KG
    GAMMA               SPECTRUM
    NEGLIGIBLE

LUND NEV - MCKENZIE DAIRY                    95261   ND      ND      1.3E03
    COLLECTED 12/20/70 1130  SIZE .460 KG

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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RRY ACCUMULATIVE NEVADA FEED RESULTS

ON                                         LAB-NO.& 132TE    131I     133I     135I
                                           USE CODE PCI/KG   PCI/KG   PCI/KG   PCI/KG

 NEV - MARTIN RANCH                         95917   1.4E02   1.6E02   ND       ND
LLECTED 12/27/70 1000  SIZE .599 KG

 NEV - MARTIN RANCH                         96061   5.7E02   8.4E02   ND       ND
LLECTED 12/29/70 1400  SIZE .910 KG

EV - SCHOFIELD DAIRY                        93841   1.8E02   ND       4.6E02   ND
LLECTED 12/19/70 1140  SIZE .590 KG

EV - SCHOFIELD DAIRY                        95030   ND       ND       ND       ND
LLECTED 12/20/70 1020  SIZE .708 KG
MMA              SPECTRUM
GLIGIBLE

EV - SCHOFIELD DAIRY                        95256   3.8E02   9.2E01   2.7E02   ND
LLECTED 12/21/70 0925  SIZE 1.97 KG

EV - SCHOFIELD DAIRY                        95428   1.0E03   4.8E02   9.5E02   ND
LLECTED 12/22/70 0905  SIZE 1.83 KG

P WELLS NEV EASTMAN RANCH                   95587   ND       ND       ND       ND
LLECTED 12/23/70 1020  SIZE .880 KG
MMA              SPECTRUM
GLIGIBLE

P WELLS NEV EASTMAN RANCH                   95689   ND       ND       ND       ND
LLECTED 12/24/70 0930  SIZE 1.03 KG
MMA              SPECTRUM
GLIGIBLE

EV - MCKENZIE DAIRY                         93879   6.0E02   ND       1.2E03   ND
LLECTED 12/19/70 1030  SIZE .480 KG

EV - MCKENZIE DAIRY                         93915   ND       ND       ND       ND
LLECTED 12/20/70 1030  SIZE .163 KG
MMA              SPECTRUM
GLIGIBLE

EV - MCKENZIE DAIRY                         95261   ND       ND       1.3E03   ND
LLECTED 12/20/70 1130  SIZE .460 KG

NLESS OTHERWISE NOTED, RESULTS ARE
N PICO-CURIES PER UNIT OF SIZE,
XCEPT K IS IN GRAMS PER UNIT OF SIZE.
T(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA FEED RESULTS

LOCATION                                   LAB-NO.& 132TE    131I    133I    1
                                           USE CODE PCI/KG  PCI/KG  PCI/KG  P

LUND NEV - MCKENZIE DAIRY                    95257   ND      ND      ND      ND
    COLLECTED 12/21/70 0920  SIZE .150 KG
    GAMMA               SPECTRUM
    NEGLIGIBLE

LUND NEV - MCKENZIE DAIRY                    95497   ND      1.9E02  ND      ND
    COLLECTED 12/22/70 0900  SIZE .410 KG

MCGILL NEV - LARSEN RANCH                    95495   ND      ND      ND      ND
    COLLECTED 12/21/70 1730  SIZE .541 KG
    GAMMA               SPECTRUM
    NEGLIGIBLE

MCGILL NEV - LARSEN RANCH                    95494   ND      ND      ND      ND
    COLLECTED 12/22/70 1130  SIZE .360 KG
    GAMMA               SPECTRUM
    NEGLIGIBLE

MCGILL NEV - LARSEN RANCH                    95603   ND      ND      ND      ND
    COLLECTED 12/23/70 1125  SIZE .640 KG
    GAMMA               SPECTRUM
    NEGLIGIBLE

MESQUITE NEV - HUGHES BROS DAIRY             93910   ND      ND      ND      ND
    COLLECTED 12/19/70 1630  SIZE .390 KG
    GAMMA               SPECTRUM
    NEGLIGIBLE

MESQUITE NEV - HUGHES BROS DAIRY             95311   ND      ND      ND      ND
    COLLECTED 12/21/70 1630  SIZE .950 KG
    GAMMA               SPECTRUM
    NEGLIGIBLE

NYALA NEV - SHARP'S RANCH                    93888   9.3E02  ND      1.7E03  ND
    COLLECTED 12/19/70 1130  SIZE 1.26 KG

NYALA NEV - SHARP'S RANCH                    95202   7.7E02  2.2E02  1.2E03  ND
    COLLECTED 12/20/70 1100  SIZE .941 KG

NYALA NEV - SHARP'S RANCH                    95425   4.9E02  1.3E02  7.3E02  ND
    COLLECTED 12/21/70 1020  SIZE 1.07 KG

NYALA NEV - SHARP'S RANCH                    95429   1.8E03  7.0E02  1.6E03  ND
    COLLECTED 12/22/70 0945  SIZE .868 KG

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BERRY ACCUMULATIVE NEVADA FEED RESULTS

TION                                         LAB-NO.& 132TE    131I     133I     135I
                                             USE CODE PCI/KG   PCI/KG   PCI/KG   PCI/KG

 NEV - MCKENZIE DAIRY                         95257    ND       ND       ND       ND
COLLECTED 12/21/70 0920  SIZE .150 KG
GAMMA                SPECTRUM
NEGLIGIBLE

 NEV - MCKENZIE DAIRY                         95497    ND       1.9E02   ND       ND
COLLECTED 12/22/70 0900  SIZE .410 KG

LL NEV - LARSEN RANCH                         95495    ND       ND       ND       ND
COLLECTED 12/21/70 1730  SIZE .541 KG
GAMMA                SPECTRUM
NEGLIGIBLE

LL NEV - LARSEN RANCH                         95494    ND       ND       ND       ND
COLLECTED 12/22/70 1130  SIZE .360 KG
GAMMA                SPECTRUM
NEGLIGIBLE

LL NEV - LARSEN RANCH                         95603    ND       ND       ND       ND
COLLECTED 12/23/70 1125  SIZE .640 KG
AMMA                 SPECTRUM
NEGLIGIBLE

ITE NEV - HUGHES BROS DAIRY                   93910    ND       ND       ND       ND
OLLECTED 12/19/70 1630  SIZE .390 KG
AMMA                 SPECTRUM
EGLIGIBLE

ITE NEV - HUGHES BROS DAIRY                   95311    ND       ND       ND       ND
OLLECTED 12/21/70 1630  SIZE .950 KG
AMMA                 SPECTRUM
EGLIGIBLE

 NEV - SHARP'S RANCH                          93888    9.3E02   ND       1.7E03   ND
OLLECTED 12/19/70 1130  SIZE 1.26 KG

 NEV - SHARP'S RANCH                          95202    7.7E02   2.2E02   1.2E03   ND
OLLECTED 12/20/70 1100  SIZE .941 KG

 NEV - SHARP'S RANCH                          95425    4.9E02   1.3E02   7.3E02   ND
OLLECTED 12/21/70 1020  SIZE 1.07 KG

 NEV - SHARP'S RANCH                          95429    1.8E03   7.0E02   1.6E03   ND
OLLECTED 12/22/70 0945  SIZE .868 KG

-UNLESS OTHERWISE NOTED, RESULTS ARE
 IN PICO-CURIES PER UNIT OF SIZE,
 EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
 LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA FEED RESULTS

LOCATION                              LAB-NO.& 132TE    131I     133I     135I
                                      USE CODE PCI/KG   PCI/KG   PCI/KG   PCI/

NYALA NEV - SHARP'S RANCH               95605  1.7E02   8.0E01   1.4E02   ND
    COLLECTED 12/23/70 0945  SIZE .900 KG

NYALA NEV - SHARP'S RANCH               95753  2.1E02   1.3E02   ND       ND
    COLLECTED 12/24/70 1210  SIZE .802 KG

NYALA NEV - SHARP'S RANCH               95920  ND       ND       ND       ND
    COLLECTED 12/28/70 1330  SIZE .845 KG
    GAMMA               SPECTRUM
    NEGLIGIBLE

PANACA NEV - KENNETH LEE RANCH          95036  1.1E03   ND       1.4E03   ND
    COLLECTED 12/20/70 1220  SIZE .892 KG

PANACA NEV - KENNETH LEE RANCH          95259  2.9E02   5.3E01   1.9E02   ND
    COLLECTED 12/21/70 1155  SIZE 1.43 KG

PANACA NEV - KENNETH LEE RANCH          95403  1.0E02   ND       1.2E02   ND
    COLLECTED 12/22/70 1045  SIZE .915 KG

ROUND MT NEV - KARL BERG RANCH          95023  2.4E03   ND       1.1E03   ND
    COLLECTED 12/19/70 1630  SIZE .328 KG

ROUND MT NEV - KARL BERG RANCH          95200  2.2E02   6.9E01   5.6E02   ND
    COLLECTED 12/20/70 1515  SIZE .720 KG

ROUND MT NEV - KARL BERG RANCH          95426  9.4E02   4.8E02   1.6E03   ND
    COLLECTED 12/21/70 1015  SIZE .303 KG

ROUND MT NEV - KARL BERG RANCH          95397  7.8E02   5.9E02   1.2E03   ND
    COLLECTED 12/22/70 1005  SIZE .455 KG

ROUND MT NEV - KARL BERG RANCH          95602  7.1E02   3.4E02   4.2E02   ND
    COLLECTED 12/23/70 1300  SIZE .507 KG

ROUND MT NEV - KARL BERG RANCH          95730  5.6E02   3.9E02   2.2E02   ND
    COLLECTED 12/24/70 1110  SIZE .856 KG

ROUND MT NEV - KARL BERG RANCH          95915  ND       1.6E02   ND       ND
    COLLECTED 12/27/70 1400  SIZE .428 KG

SHOSHONE NEV - KIRKEBY RANCH            95034  8.0E02   2.1E02   2.1E03   ND
    COLLECTED 12/19/70 1530  SIZE 2.29 KG

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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Y ACCUMULATIVE NEVADA FEED RESULTS

                                  LAB-NO.& 132TE   131I    133I    135I
                                  USE CODE PCI/KG  PCI/KG  PCI/KG  PCI/KG

/ - SHARP'S RANCH                   95605   1.7E02  8.0E01  1.4E02  ND
ECTED 12/23/70 0945  SIZE .900 KG

/ - SHARP'S RANCH                   95753   2.1E02  1.3E02  ND      ND
ECTED 12/24/70 1210  SIZE .802 KG

/ - SHARP'S RANCH                   95920   ND      ND      ND      ND
ECTED 12/28/70 1330  SIZE .845 KG
A             SPECTRUM
IGIBLE

EV - KENNETH LEE RANCH              95036   1.1E03  ND      1.4E03  ND
ECTED 12/20/70 1220  SIZE .892 KG

EV - KENNETH LEE RANCH              95259   2.9E02  5.3E01  1.9E02  ND
ECTED 12/21/70 1155  SIZE 1.43 KG

EV - KENNETH LEE RANCH              95403   1.0E02  ND      1.2E02  ND
ECTED 12/22/70 1045  SIZE .915 KG

NEV - KARL BERG RANCH               95023   2.4E03  ND      1.1E03  ND
CTED 12/19/70 1630  SIZE .328 KG

NEV - KARL BERG RANCH               95200   2.2E02  6.9E01  5.6E02  ND
CTED 12/20/70 1515  SIZE .720 KG

NEV - KARL BERG RANCH               95426   9.4E02  4.8E02  1.6E03  ND
CTED 12/21/70 1015  SIZE .303 KG

NEV - KARL BERG RANCH               95397   7.8E02  5.9E02  1.2E03  ND
CTED 12/22/70 1005  SIZE .455 KG

NEV - KARL BERG RANCH               95602   7.1E02  3.4E02  4.2E02  ND
CTED 12/23/70 1300  SIZE .507 KG

NEV - KARL BERG RANCH               95730   5.6E02  3.9E02  2.2E02  ND
CTED 12/24/70 1110  SIZE .856 KG

NEV - KARL BERG RANCH               95915   ND      1.6E02  ND      ND
CTED 12/27/70 1400  SIZE .428 KG

NEV - KIRKEBY RANCH                 95034   8.0E02  2.1E02  2.1E03  ND
CTED 12/19/70 1530  SIZE 2.29 KG

ESS OTHERWISE NOTED, RESULTS ARE
PICO-CURIES PER UNIT OF SIZE,
EPT K IS IN GRAMS PER UNIT OF SIZE.
X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA FEED RESULTS

LOCATION
                                          LAB-NO.& 132TE    131I     133I     13
                                          USE CODE PCI/KG   PCI/KG   PCI/KG   PC

SHOSHONE NEV - KIRKEBY RANCH               95255   5.2E02   1.5E02   1.1E03   ND
    COLLECTED 12/20/70 1400  SIZE 1.46 KG

SHOSHONE NEV - KIRKEBY RANCH               95264   ND       ND       ND       ND
    COLLECTED 12/21/70 1030  SIZE 1.86 KG
    GAMMA                  SPECTRUM
    NEGLIGIBLE

SHOSHONE NEV - KIRKEBY RANCH               95445   1.9E01   ND       7.8E01   ND
    COLLECTED 12/22/70 1240  SIZE 1.92 KG

SHOSHONE NEV - KIRKEBY RANCH               95610   6.0E01   ND       ND       ND
    COLLECTED 12/23/70 0940  SIZE 2.39 KG

SPRINGDALE NEV SEIDENTOPH RCH              96173   ND       ND       ND       ND
    COLLECTED 12/31/70 1405  SIZE .530 KG
    GAMMA                  SPECTRUM
    NEGLIGIBLE

SPRINGDALE NEV SEIDENTOPH RCH              96171   ND       ND       ND       ND
    COLLECTED 12/31/70 1430  SIZE .225 KG
    GAMMA                  SPECTRUM
    NEGLIGIBLE

SPRINGDALE NEV - MCCURDY RANCH             95199   2.5E02   6.0E01   3.1E02   ND
    COLLECTED 12/21/70       SIZE 1.35 KG

SPRINGDALE NEV - MCCURDY RANCH             95588   1.1E03   4.3E02   4.2E02   ND
    COLLECTED 12/23/70 1145  SIZE 1.50 KG

SPRINGDALE NEV - MCCURDY RANCH             95690   6.3E03   2.5E03   2.1E03   ND
    COLLECTED 12/24/70 1030  SIZE 1.11 KG

SPRINGDALE NEV - MCCURDY RANCH             96060   5.6E01   3.1E02   ND       ND
    COLLECTED 12/29/70 1600  SIZE .740 KG

SPRINGDALE NEV - MCCURDY RANCH             96062   6.4E02   3.8E02   ND       ND
    COLLECTED 12/29/70 1620  SIZE 1.72 KG

SPRINGDALE NEV - MCCURDY RANCH             96101   ND       1.1E02   ND       ND
    COLLECTED 12/30/70 1245  SIZE .556 KG

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
     IN PICO-CURIES PER UNIT OF SIZE,
     EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
     LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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RY ACCUMULATIVE NEVADA FEED RESULTS

N                                LAB-NO.& 132TE    131I     133I     135I
                                 USE CODE PCI/KG   PCI/KG   PCI/KG   PCI/KG

E NEV - KIRKEBY RANCH              95255   5.2E02   1.5E02   1.1E03   ND
LECTED 12/20/70 1400  SIZE 1.46 KG

E NEV - KIRKEBY RANCH              95264   ND       ND       ND       ND
LECTED 12/21/70 1030  SIZE 1.86 KG
A            SPECTRUM
IGIBLE

E NEV - KIRKEBY RANCH              95445   1.9E01   ND       7.8E01   ND
LECTED 12/22/70 1240  SIZE 1.92 KG

E NEV - KIRKEBY RANCH              95610   6.0E01   ND       ND       ND
LECTED 12/23/70 0940  SIZE 2.39 KG

LE NEV SEIDENTOPH RCH              96173   ND       ND       ND       ND
LECTED 12/31/70 1405  SIZE .530 KG
A            SPECTRUM
IGIBLE

LE NEV SEIDENTOPH RCH              96171   ND       ND       ND       ND
LECTED 12/31/70 1430  SIZE .225 KG
A            SPECTRUM
IGIBLE

LE NEV - MCCURDY RANCH             95199   2.5E02   6.0E01   3.1E02   ND
ECTED 12/21/70        SIZE 1.35 KG

LE NEV - MCCURDY RANCH             95588   1.1E03   4.3E02   4.2E02   ND
ECTED 12/23/70 1145  SIZE 1.50 KG

LE NEV - MCCURDY RANCH             95690   6.3E03   2.5E03   2.1E03   ND
ECTED 12/24/70 1030  SIZE 1.11 KG

LE NEV - MCCURDY RANCH             96060   5.6E01   3.1E02   ND       ND
ECTED 12/29/70 1600  SIZE .740 KG

LE NEV - MCCURDY RANCH             96062   6.4E02   3.8E02   ND       ND
ECTED 12/29/70 1620  SIZE 1.72 KG

LE NEV - MCCURDY RANCH             96101   ND       1.1E02   ND       ND
ECTED 12/30/70 1245  SIZE .556 KG

LESS OTHERWISE NOTED, RESULTS ARE
 PICO-CURIES PER UNIT OF SIZE,
CEPT K IS IN GRAMS PER UNIT OF SIZE.
X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA FEED RESULTS

LOCATION                              LAB-NO.& 132TE    131I     133I     135I
                                      USE CODE PCI/KG   PCI/KG   PCI/KG   PCI/

SPRINGDALE NEV - MCCURDY RANCH         96095   ND       ND       ND       ND
    COLLECTED 12/30/70 1300  SIZE .478 KG
    GAMMA               SPECTRUM
    NEGLIGIBLE

SPRINGDALE NEV - MCCURDY RANCH         96098   2.3E03   2.9E03   ND       ND
    COLLECTED 12/30/70 1310  SIZE .293 KG

SPRINGDALE NEV - MCCURDY RANCH         96100   8.3E02   6.3E02   ND       ND
    COLLECTED 12/30/70 1310  SIZE 1.04 KG

SPRINGDALE NEV - MCCURDY RANCH         96102   1.6E03   2.2E03   ND       ND
    COLLECTED 12/30/70 1320  SIZE .341 KG

SPRINGDALE NEV - MCCURDY RANCH         96097   1.3E03   8.6E02   ND       ND
    COLLECTED 12/30/70 1340  SIZE 1.05 KG

SPRINGDALE NEV - MCCURDY RANCH         96096   2.2E03   2.0E03   ND       ND
    COLLECTED 12/30/70 1345  SIZE .862 KG

SPRINGDALE NEV - MCCURDY RANCH         96099   ND       ND       ND       ND
    COLLECTED 12/30/70 1350  SIZE .442 KG
    GAMMA               SPECTRUM
    NEGLIGIBLE

SPRINGDALE NEV - MCCURDY RANCH         96721   ND       8.9E02   ND       ND
    COLLECTED 01/15/71 1230  SIZE .143 KG
    103RU=1.7E03

SPRINGDALE NEV - MCCURDY RANCH         96807   ND       ND       ND       ND
    COLLECTED 01/25/71 1230  SIZE .792 KG
    103RU=2.0E02

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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ACCUMULATIVE NEVADA FEED RESULTS

                              LAB-NO.& 132TE   131I    133I    135I
                              USE CODE PCI/KG  PCI/KG  PCI/KG  PCI/KG

LE NEV - MCCURDY RANCH          96095  ND      ND      ND      ND
ECTED 12/30/70 1300  SIZE .478 KG
A              SPECTRUM
IGIBLE

LE NEV - MCCURDY RANCH          96098  2.3E03  2.9E03  ND      ND
ECTED 12/30/70 1310  SIZE .293 KG

LE NEV - MCCURDY RANCH          96100  8.3E02  6.3E02  ND      ND
ECTED 12/30/70 1310  SIZE 1.04 KG

LE NEV - MCCURDY RANCH          96102  1.6E03  2.2E03  ND      ND
ECTED 12/30/70 1320  SIZE .341 KG

LE NEV - MCCURDY RANCH          96097  1.3E03  8.6E02  ND      ND
ECTED 12/30/70 1340  SIZE 1.05 KG

LE NEV - MCCURDY RANCH          96096  2.2E03  2.0E03  ND      ND
ECTED 12/30/70 1345  SIZE .862 KG

LE NEV - MCCURDY RANCH          96099  ND      ND      ND      ND
ECTED 12/30/70 1350  SIZE .442 KG
A              SPECTRUM
IGIBLE

E NEV - MCCURDY RANCH           96721  ND      8.9E02  ND      ND
CTED 01/15/71 1230  SIZE .143 KG
=1.7E03

E NEV - MCCURDY RANCH           96807  ND      ND      ND      ND
CTED 01/25/71 1230  SIZE .792 KG
=2.0E02

ESS OTHERWISE NOTED, RESULTS ARE
PICO-CURIES PER UNIT OF SIZE,
EPT K IS IN GRAMS PER UNIT OF SIZE.
X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE UTAH FEED RESULTS

LOCATION                                      LAB-NO.& 132TE   131I    133I
                                              USE CODE PCI/KG  PCI/KG  PCI/KG

DELTA UTAH J CLAYTON DAIRY                     95083   ND      ND      ND
    COLLECTED 12/19/70 2045  SIZE .905 KG
    GAMMA              SPECTRUM
    NEGLIGIBLE

DELTA UTAH J CLAYTON DAIRY                     95081   ND      ND      ND
    COLLECTED 12/20/70 1010  SIZE .520 KG
    GAMMA              SPECTRUM
    NEGLIGIBLE

DELTA UTAH JEFFERY CLAYTON DAIRY               95285   ND      ND      ND
    COLLECTED 12/21/70 1018  SIZE .630 KG
    GAMMA              SPECTRUM
    NEGLIGIBLE

DELTA UTAH JEFFERY CLAYTON DAIRY               95493   ND      ND      ND
    COLLECTED 12/22/70 0810  SIZE .450 KG
    GAMMA              SPECTRUM
    NEGLIGIBLE

FILLMORE UTAH MRS SAM WADE DAIRY               95080   ND      ND      ND
    COLLECTED 12/19/70 1900  SIZE .540 KG
    GAMMA              SPECTRUM
    NEGLIGIBLE

FILLMORE UTAH MRS SAM WADE DAIRY               95284   ND      ND      ND
    COLLECTED 12/20/70 1315  SIZE .488 KG
    GAMMA              SPECTRUM
    NEGLIGIBLE

FILLMORE UTAH MRS SAM WADE DAIRY               95280   ND      ND      ND
    COLLECTED 12/21/70 1115  SIZE .355 KG
    GAMMA              SPECTRUM
    NEGLIGIBLE

FILLMORE UTAH MRS SAM WADE DAIRY               95492   ND      ND      ND
    COLLECTED 12/22/70 0920  SIZE .950 KG
    GAMMA              SPECTRUM
    NEGLIGIBLE

MILFORD UTAH BILL POWELL                       95082   ND      ND      ND
    COLLECTED 12/19/70 1630  SIZE .540 KG
    GAMMA              SPECTRUM
    NEGLIGIBLE

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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RY ACCUMULATIVE UTAH FEED RESULTS

N                                 LAB-NO.& 132TE    131I     133I     135I
                                  USE CODE PCI/KG   PCI/KG   PCI/KG   PCI/KG

TAH J CLAYTON DAIRY                95083    ND       ND       ND       ND
LECTED 12/19/70 2045  SIZE .905 KG
MA             SPECTRUM
LIGIBLE

TAH J CLAYTON DAIRY                95081    ND       ND       ND       ND
LECTED 12/20/70 1010  SIZE .520 KG
MA             SPECTRUM
LIGIBLE

TAH JEFFERY CLAYTON DAIRY          95285    ND       ND       ND       ND
LECTED 12/21/70 1018  SIZE .630 KG
MA             SPECTRUM
LIGIBLE

TAH JEFFERY CLAYTON DAIRY          95493    ND       ND       ND       ND
LECTED 12/22/70 0810  SIZE .450 KG
MA             SPECTRUM
LIGIBLE

E UTAH MRS SAM WADE DAIRY          95080    ND       ND       ND       ND
LECTED 12/19/70 1900  SIZE .540 KG
MA             SPECTRUM
LIGIBLE

E UTAH MRS SAM WADE DAIRY          95284    ND       ND       ND       ND
LECTED 12/20/70 1315  SIZE .488 KG
MA             SPECTRUM
LIGIBLE

E UTAH MRS SAM WADE DAIRY          95280    ND       ND       ND       ND
LECTED 12/21/70 1115  SIZE .355 KG
MA             SPECTRUM
LIGIBLE

E UTAH MRS SAM WADE DAIRY          95492    ND       ND       ND       ND
LECTED 12/22/70 0920  SIZE .950 KG
MA             SPECTRUM
LIGIBLE

UTAH BILL POWELL                   95082    ND       ND       ND       ND
LECTED 12/19/70 1630  SIZE .540 KG
A              SPECTRUM
IGIBLE

LESS OTHERWISE NOTED. RESULTS ARE
 PICO-CURIES PER UNIT OF SIZE.
CEPT K IS IN GRAMS PER UNIT OF SIZE.
(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE UTAH FEED RESULTS

LOCATION                                 LAB-NO.& 132TE    131I     133I     135I
                                         USE CODE PCI/KG   PCI/KG   PCI/KG   PCI/

MILFORD UTAH BILL POWELL DAIRY             95281  1.3E02   ND       ND       ND
    COLLECTED 12/20/70 1500  SIZE .555 KG

MILFORD UTAH BILL POWELL DAIRY             95283  ND       ND       ND       ND
    COLLECTED 12/21/70 1325  SIZE .482 KG
    GAMMA                SPECTRUM
    NEGLIGIBLE

MILFORD UTAH BILL POWELL DAIRY             95427  ND       ND       ND       ND
    COLLECTED 12/22/70 1110  SIZE .537 KG
    GAMMA                SPECTRUM
    NEGLIGIBLE

NEWCASTLE UTAH - NEWCASTLE DAIRY           95308  ND       ND       ND       ND
    COLLECTED 12/21/70 1300  SIZE 2.05 KG
    GAMMA                SPECTRUM
    NEGLIGIBLE

ST GEORGE UTAH - R COX DAIRY               93978  ND       ND       ND       ND
    COLLECTED 12/19/70 2130  SIZE .520 KG
    GAMMA                SPECTRUM
    NEGLIGIBLE

ST GEORGE UTAH - R COX DAIRY               93976  ND       ND       ND       ND
    COLLECTED 12/19/70 2130  SIZE 1.50 KG
    GAMMA                SPECTRUM
    NEGLIGIBLE

ST GEORGE UTAH - R COX DAIRY               93977  ND       ND       ND       ND
    COLLECTED 12/19/70 2130  SIZE .745 KG
    GAMMA                SPECTRUM
    NEGLIGIBLE

ST GEORGE UTAH - R COX DAIRY               95496  ND       ND       ND       ND
    COLLECTED 12/20/70 1800  SIZE 2.78 KG
    GAMMA                SPECTRUM
    NEGLIGIBLE

ST GEORGE UTAH - R COX DAIRY               95498  ND       ND       ND       ND
    COLLECTED 12/20/70 1800  SIZE .365 KG
    GAMMA                SPECTRUM
    NEGLIGIBLE

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
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RY ACCUMULATIVE UTAH FEED RESULTS

N                                     LAB-NO.& 132TE    131I     133I     135I
                                      USE CODE PCI/KG   PCI/KG   PCI/KG   PCI/KG

 UTAH BILL POWELL DAIRY                 95281  1.3E02   ND       ND       ND
LECTED 12/20/70 1500  SIZE .555 KG

 UTAH BILL POWELL DAIRY                 95283  ND       ND       ND       ND
LECTED 12/21/70 1325  SIZE .482 KG
MA             SPECTRUM
LIGIBLE

 UTAH BILL POWELL DAIRY                 95427  ND       ND       ND       ND
LECTED 12/22/70 1110  SIZE .537 KG
MA             SPECTRUM
LIGIBLE

LE UTAH - NEWCASTLE DAIRY               95308  ND       ND       ND       ND
LECTED 12/21/70 1300  SIZE 2.05 KG
MA             SPECTRUM
LIGIBLE

GE UTAH - R COX DAIRY                   93978  ND       ND       ND       ND
LECTED 12/19/70 2130  SIZE .520 KG
MA             SPECTRUM
LIGIBLE

GE UTAH - R COX DAIRY                   93976  ND       ND       ND       ND
LECTED 12/19/70 2130  SIZE 1.50 KG
MA             SPECTRUM
LIGIBLE

GE UTAH - R COX DAIRY                   93977  ND       ND       ND       ND
LECTED 12/19/70 2130  SIZE .745 KG
MA             SPECTRUM
LIGIBLE

GE UTAH - R COX DAIRY                   95496  ND       ND       ND       ND
LECTED 12/20/70 1800  SIZE 2.78 KG
MA             SPECTRUM
LIGIBLE

GE UTAH - R COX DAIRY                   95498  ND       ND       ND       ND
LECTED 12/20/70 1800  SIZE .365 KG
MA             SPECTRUM
LIGIBLE

UNLESS OTHERWISE NOTED, RESULTS ARE
IN PICO-CURIES PER UNIT OF SIZE,
EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE CALIFORNIA VEGETATION RESULTS

LOCATION
                                              LAB-NO.& GROSSGA
                                              USE CODE CPM/KG

BISHOP CALIF 1 MI S ON US 395                  95103    5.5E02
    COLLECTED 12/20/70 1455  SIZE .361 KG

BISHOP CALIF 16 MI S ON US 395                 95098    1.5E03
    COLLECTED 12/20/70 1517  SIZE .573 KG

BISHOP CALIF 31 MI S ON US 395                 95100    2.4E03
    COLLECTED 12/20/70 1535  SIZE .735 KG

BISHOP CALIF 46 MI S ON US 395                 95117    1.1E03
    COLLECTED 12/20/70 1604  SIZE .250 KG

BISHOP CALIF 59 MI S ON US 395                 95092    2.3E03
    COLLECTED 12/20/70 1645  SIZE .316 KG

BISHOP CALIF 23 MI S ON HWY 395                95894    ND
    COLLECTED 12/24/70 0930  SIZE .138 KG
    GAMMA               SPECTRUM
    NEGLIGIBLE

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA VEGETATION RESULTS

LOCATION                                  LAB-NO.& GROSSGA
                                          USE CODE CPM/KG

ALAMO NEV                                  93884   9.7E02
    COLLECTED 12/19/70 1030  SIZE .609 KG

ALAMO NEV 1/4 MI N ON HWY 93               93973   1.5E03
    COLLECTED 12/20/70 1005  SIZE .308 KG

ALAMO NEV 15 MI S ON HWY 93                95021   1.4E03
    COLLECTED 12/20/70 1030  SIZE .371 KG

ALAMO NEV 1.5 MI N BUTLER RCH HWY 93       95028   6.8E02
    COLLECTED 12/20/70 1100  SIZE .435 GM

BEATTY NEV 2 MI N ON HWY 95                95212   3.3E04
    COLLECTED 12/20/70 1705  SIZE .450 KG

BEATTY NEV 13 MI S ON HWY 95               95121   1.9E03
    COLLECTED 12/20/70 1920  SIZE .761 KG

BEATTY NEV US 95 NYE 63                    96808   ND
    COLLECTED 01/25/71 1335  SIZE .736 KG
    103RU=8.8E01

CALIENTE NEV 8MI S HWY 93                  95078   4.6E02
    COLLECTED 12/20/70 1430  SIZE .545 KG

COYOTE SUMMIT NEV GUNDERSON RCH T/O        93883   1.9E04
    COLLECTED 12/19/70 1345  SIZE .519 KG

COYOTE SUMMIT NEV                          93882   1.7E04
    COLLECTED 12/19/70 1407  SIZE .304 KG

COYOTE SUMMIT NEV                          93881   2.0E03
    COLLECTED 12/19/70 1425  SIZE .455 KG

CURRANT NEV 20 MI SW ON HWY 6              95209   5.7E04
    COLLECTED 12/20/70       SIZE .416 KG

CURRANT NEV 30 MI SW ON HWY 6              95211   6.4E05
    COLLECTED 12/20/70 1430  SIZE .700 KG
    239NP=4.0E05        132TE=6.3E05
    133I=7.0E05         131I=1.3E05
    103RU=5.7E04        140BA=3.2E04

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA VEGETATION RESULTS

LOCATION
                                                 LAB-NO.& GROSSGA
                                                 USE CODE CPM/KG

CURRANT NEV 10 MI SW ON HWY 6                     95210    1.8E04
    COLLECTED 12/20/70 1515  SIZE .550 KG

DIABLO HWY MAINTENANCE STATION NEV                95039    2.3E05
    COLLECTED 12/19/70 1510  SIZE .470 KG
    239NP=4.2E05          132TE=4.5E05
    133I=7.8E05           131I=6.1E04
    103RU=2.8E04          140BA=1.8E04

ELY NEV                                           95035    2.2E03
    COLLECTED 12/20/70 1020  SIZE .505 KG

ELY NEV 10 MI W ON HWY 6                          95254    1.0E04
    COLLECTED 12/20/70 1035  SIZE .055 KG

ELY NEV 20 MI W OF ELY HWY 6                      95253    2.3E04
    COLLECTED 12/20/70 1055  SIZE .100 KG

ELY NEV 20 MI S HWY 93                            95079    2.6E03
    COLLECTED 12/20/70 1110  SIZE .500 KG

ELY NEV 40 MI S ON HWY 93                         95033    1.4E04
    COLLECTED 12/20/70 1140  SIZE .602 KG

ELY NEV 60 MI S HWY 93                            95090    9.9E03
    COLLECTED 12/20/70 1215  SIZE .712 KG

ELY NEV 30 MI W ON HWY 6                          95262    4.5E04
    COLLECTED 12/20/70 1215  SIZE .131 KG

ELY NEV 80 MI S ON HWY 93                         95032    6.5E03
    COLLECTED 12/20/70 1235  SIZE .425 KG

ELY NEV 40 MI W ON HWY 6                          95263    ND
    COLLECTED 12/20/70 1240  SIZE .111 KG
    GAMMA                 SPECTRUM
    NEGLIGIBLE

ELY NEV 50 MI W ON HWY 6                          95258    2.2E04
    COLLECTED 12/20/70 1300  SIZE .089 KG

ELY NEV 120 MI S ON HWY 93                        95031    1.0E03
    COLLECTED 12/20/70 1315  SIZE .411 KG

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      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA VEGETATION RESULTS

LOCATION
                                           LAB-NO.& GROSSGA
                                           USE CODE CPM/KG

ELY NEV 160 MI S ON HWY 93                  95026   8.0E02
    COLLECTED 12/20/70 1420  SIZE .327 KG

GOLDFIELD NEV 4MI S ON HWY 95               95120   1.1E04
    COLLECTED 12/20/70 1425  SIZE .519 KG

HANCOCK SUMMIT NEV                          93887   1.1E03
    COLLECTED 12/19/70 1340  SIZE .632 KG

HIKO NEV                                    93886   5.2E03
    COLLECTED 12/19/70 1115  SIZE .398 KG

HIKO NEV CRYSTAL SPRINGS                    93880   7.1E03
    COLLECTED 12/19/70 1430  SIZE .362 KG

INDIAN SPRINGS NEV INDIAN SPRINGS           95115   ND
    COLLECTED 12/20/70 2100  SIZE .542
    GAMMA               SPECTRUM
    NEGLIGIBLE

LAS VEGAS NEV 44 MI N HWY JCT 93/15         95025   6.4E02
    COLLECTED 12/20/70 1115  SIZE .550 KG

LAS VEGAS NEV 29MI N HWY JCT 93/15          95037   7.0E02
    COLLECTED 12/20/70 1140  SIZE .385 KG

LAS VEGAS NEV JCT HWY 93/15                 93970   1.4E02
    COLLECTED 12/20/70 1200  SIZE .755 KG

LATHROP WELLS NEV 1 MI W ON HWY 95          95110   9.8E02
    COLLECTED 12/20/70 1945  SIZE .718 KG

LATHROP WELLS NEV 13MI E ON HWY 95          95133   ND
    COLLECTED 12/20/70 2005  SIZE .711 KG
    GAMMA               SPECTRUM
    NEGLIGIBLE

LIDA NEV 4 MI S ON HWY 95                   95106   1.6E04
    COLLECTED 12/20/70 1550  SIZE .398 KG

PIOCHE NEV 71/2 MI N HWY 93                 95089   4.4E03
    COLLECTED 12/20/70 1315  SIZE .650 KG
    132TE=3.5E03        131I=1.0E03
    133I=6.9E03

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     IN PICO-CURIES PER UNIT OF SIZE,
     EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
     LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE NEVADA VEGETATION RESULTS

LOCATION
                                                   LAB-NO.& GROSSGA
                                                   USE CODE CPM/KG

QUEEN CITY SUMMIT NEV                                93885   2.4E05
    COLLECTED 12/19/70 1300  SIZE .626 KG

SCOTTYS JCT NEV                                      95108   2.0E04
    COLLECTED 12/20/70 1615  SIZE .340 KG

SPRINGDALE NEV 7MI N ON HWY 95                       95116   ND
    COLLECTED 12/20/70 1635  SIZE .424 KG
    GAMMA                    SPECTRUM
    NEGLIGIBLE

SPRINGDALE NEV - MCCURDY RANCH                       95691   1.0E04
    COLLECTED 12/24/70 1100  SIZE .745 KG

TONOPAH NEV JCT HWY 6/95                             95099   5.9E04
    COLLECTED 12/20/70 0945  SIZE .519 KG

TONOPAH NEV 15 MI W ON US 6                          95113   2.2E04
    COLLECTED 12/20/70 1007  SIZE .428 KG

TONOPAH NEV 30 MI W ON US 6                          95097   6.7E03
    COLLECTED 12/20/70 1030  SIZE .355 KG

TONOPAH NEV 45 MI W ON US 6                          95095   2.4E04
    COLLECTED 12/20/70 1050  SIZE .[illegible]3 KG

TONOPAH NEV 60 MI W ON US 6                          95093   1.4E04
    COLLECTED 12/20/70 1140  SIZE .487 KG

TONOPAH NEV 75 MI W ON US 6                          95094   2.1E03
    COLLECTED 12/20/70 1200  SIZE .377 KG

TONOPAH NEV 90 MI W ON US 6                          95096   2.1E03
    COLLECTED 12/20/70 1227  SIZE .464 KG

TONOPAH NEV 105 MI W US 6                            95104   1.1E03
    COLLECTED 12/20/70 1252  SIZE .618 KG

TONOPAH NEV 11 MI N ON HWY 95                        95118   1.2E04
    COLLECTED 12/20/70 1345  SIZE .417 KG

WARM SPRINGS NEV JCT HWY 25/NYALA RD                 95038   2.0E05
    COLLECTED 12/19/70 1530  SIZE 1.00 KG

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BANEBERRY ACCUMULATIVE NEVADA VEGETATION RESULTS

LOCATION                                         LAB-NO.& GROSSGA
                                                 USE CODE CPM/KG

WARM SPRINGS NEV                                  95020   8.9E04
    COLLECTED 12/19/70 1600  SIZE .670 KG
    239NP=1.0E05         132TE=1.1E05
    133I=2.3E05          131I=1.8E04
    103RU=7.0E03         140BA=3.7E03

WARM SPRINGS NEV - TWIN SPRINGS RCH               95022   2.4E05
    COLLECTED 12/19/70 1545  SIZE .542 KG
    239NP=3.7E05         132TE=3.9E05
    133I=6.8E05          131I=5.4E04
    103RU=2.4E04         140BA=1.5E04

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
     IN PICO-CURIES PER UNIT OF SIZE,
     EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
     LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE UTAH VEGETATION RESULTS

LOCATION
                                              LAB-NO.& GROSSGA
                                              USE CODE CPM/KG

BEAVER UTAH 10 MI N ON I-15                     95086    ND
    COLLECTED 12/20/70 1715  SIZE .210 KG
    GAMMA                   SPECTRUM
    NEGLIGIBLE

BERYL JCT UTAH 7 MI E ON HWY 56                 95310    ND
    COLLECTED 12/21/70 1315  SIZE .270 KG
    GAMMA                   SPECTRUM
    NEGLIGIBLE

DELTA UTAH J CLAYTON DAIRY                      95085    ND
    COLLECTED 12/20/70 1010  SIZE .700 KG
    GAMMA                   SPECTRUM
    NEGLIGIBLE

FILLMORE UTAH MRS SAM WADE DAIRY                95282    8.7E02
    COLLECTED 12/20/70 1315  SIZE .688 KG

JERICO UTAH US 6-50 JERICO T/O                  95084    ND
    COLLECTED 12/20/70 1500  SIZE .315 KG
    GAMMA                   SPECTRUM
    NEGLIGIBLE

MILFORD UTAH BILL POWELL DAIRY                  95279    7.9E02
    COLLECTED 12/20/70 1500  SIZE .430 KG

OGDEN UTAH
    COLLECTED 12/20/70 1130  SIZE .191 KG       95091    ND
    GAMMA                   SPECTRUM
    NEGLIGIBLE

PROVO UTAH
    COLLECTED 12/20/70 1345  SIZE .660 KG       95087    ND
    GAMMA                   SPECTRUM
    NEGLIGIBLE

ST GEORGE UTAH 30 MI N HWY 15                   95307    ND
    COLLECTED 12/20/70 1630  SIZE .397 KG
    GAMMA                   SPECTRUM
    NEGLIGIBLE

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE,
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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BANEBERRY ACCUMULATIVE UTAH VEGETATION RESULTS

LOCATION
                                              LAB-NO.& GROSSGA
                                              USE CODE CPM/KG

ST GEORGE UTAH 2MI E FROM COX DAIRY              95306    ND
    COLLECTED 12/21/70          SIZE .490 KG
    GAMMA                  SPECTRUM
    NEGLIGIBLE

SALT LAKE CITY UTAH                               95088    ND
    COLLECTED 12/20/70          SIZE .255 KG
    GAMMA                  SPECTRUM
    NEGLIGIBLE

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
      IN PICO-CURIES PER UNIT OF SIZE.
      EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
      LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS
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